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Queensland, Australia. Geological Survey.
Publication.

559.43
Q3
no. 125



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Queensland.

DEPARTMENT OF MINES.

GEOLOGICAL SURVEY—BULLETIN No. 6.

[*Publication* no. 125]

CATALOGUE OF THE EXHIBITS

IN THE

QUEENSLAND MINING COURT,

QUEENSLAND INTERNATIONAL EXHIBITION, 1897.

BY

R. L. JACK, F.G.S., F.R.G.S..

GOVERNMENT GEOLOGIST.

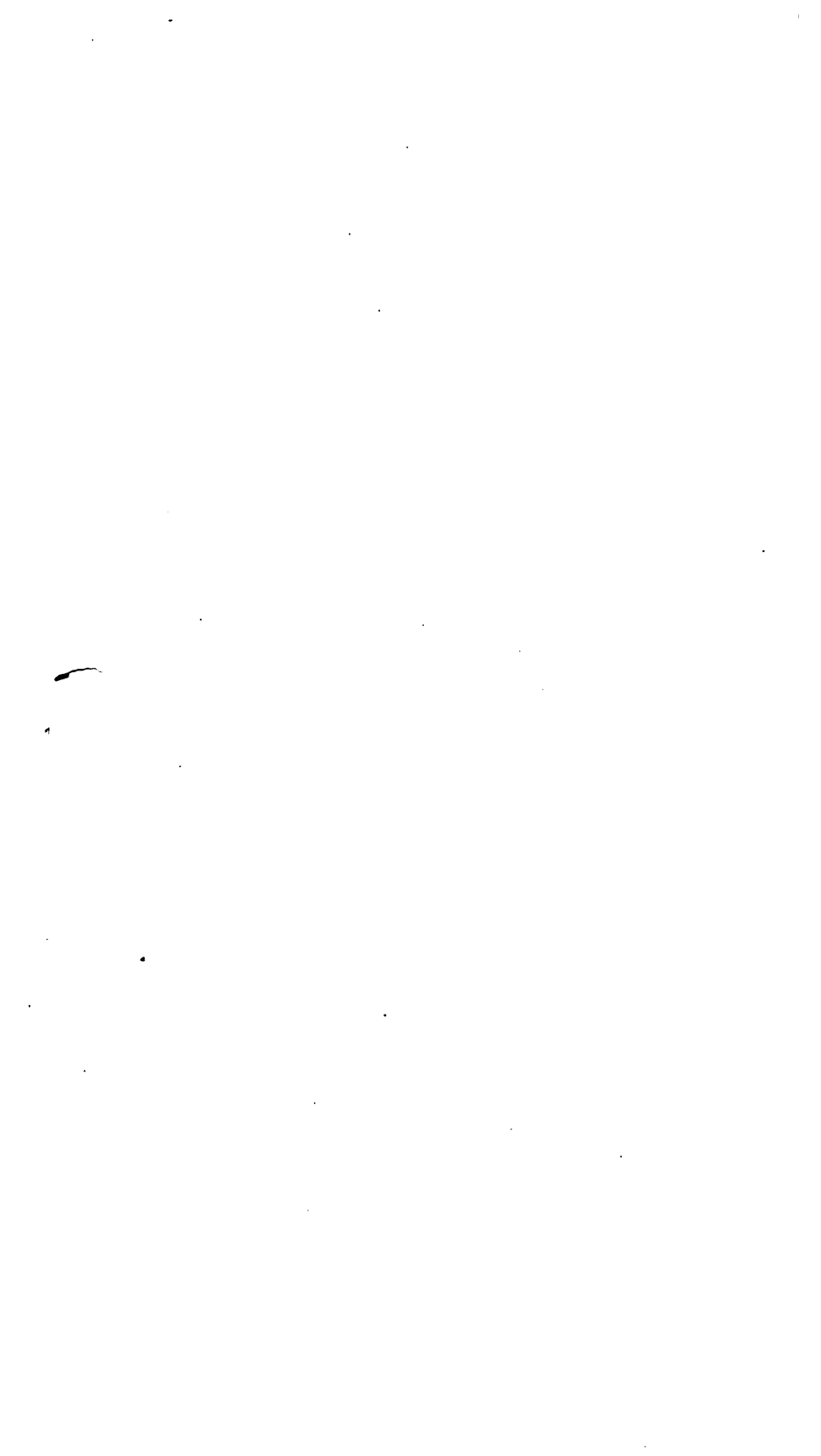
(Prepared under the Authority of the Honourable Robert Philp, Esquire,
Minister for Mines.)



BRISBANE:

BY AUTHORITY: EDMUND GREGORY, GOVERNMENT PRINTER, WILLIAM STREET.

1897.



PREFATORY NOTE.

(FIRST EDITION.)

THE statement that the present collection was made during the ten weeks immediately preceding the opening of the Exhibition might have served, had it been necessary, as an excuse for a poor show; it must be taken as the explanation of a fortnight's delay in the issue of the Catalogue; but it is to be hoped that the public will regard it rather as evidence of the astounding mineral wealth of Queensland. It may logically be argued that if as many months as there have been weeks had been devoted to the accumulation of exhibits, and every mining district had been represented, a still more imposing display might easily have been made. As it is, the generous response of the mining community to the appeal made by the Department of Mines has resulted, it may safely be said, in the production of a collection which speaks volumes for the future of the Colony.

I have received advices that many contributions are on the way from distant fields, their earlier presence in Brisbane having been impossible owing to the shortness of the notice. The arrival of these, and of further information regarding the exhibits already to hand, will necessitate at least a second and revised issue of the Catalogue.

Acknowledgments are due to a long list of gentlemen who have contributed to the work of getting the collection together. First and foremost is the Hon. Robert Philp, M.L.A., Minister for Mines and Treasurer, who conceived the scheme, and gave every facility for carrying out its details. The following Goldfield Wardens and Mineral Lands Commissioners have rendered zealous and efficient services in their respective districts:—L. E. D. Towner, Gympie; R. A. Ranking, Rockhampton; J. Wood, Eidsvold; E. Morey, Maryborough; F. H. Hyde, Stanthorpe; R. A. Moore, Warwick; W. J. Hartley, Mackay; D. M. Jones, Gladstone; W. M. Mowbray, Charters Towers; A. R. Macdonald, Etheridge; A. C. Haldane, Herberton; F. P. Parkinson, Croydon; T. H. Boddington, Cloncurry; B. R. Stafford, Cairns; H. M. Chester, Cooktown. The following were specially employed on fields where from their distance or extent it appeared necessary to provide the Wardens with assistance:—F. G. Simpson (Gympie and Eidsvold), J. M. Hollway and W. D. Nash (Herberton), F. H. Howard (Etheridge), and W. E. Cameron, of the Geological Survey (Charters Towers). The last-named has also since his return to Brisbane rendered very efficient help in arranging the collection. In this work B. Dunstan and L. C. Green of the Geological Survey, J. A. Coe, and others have also taken part.

The large Map of the Colony which occupies the partition wall dividing the Mining Court from that of the Fine Arts was specially prepared for this Exhibition by Messrs. C. Edmonds and J. S. Sightingale, under the direction of Mr. A. McDowall, Surveyor-General.

The Columns and Obelisks representing the amount of gold produced by Queensland and by twelve of the principal goldfields were calculated and designed, under the supervision of Mr. A. B. Brady, Government Architect, by Mr. T. Pye.

A few words may be necessary in explanation of the Catalogue. The numbers for each class or subdivision are consecutive, but between every two classes blanks are left for the insertion of numbers intended to designate exhibits which are expected to arrive. The letters G.S.Q. and number in parentheses, following the catalogue number, refer to an office register containing the "history" of each specimen, and are inserted for the convenience of the officers of the Geological Survey, and may be disregarded by the general reader. The contraction "Melb. Cent. Ex." denotes that the specimen formed part of the collection which was made for the Melbourne Centennial Exhibition of 1888, and which has been stored "for the purposes of future exhibitions" in the Queensland Museum.

Geological Survey Office,
Brisbane, 19th May, 1897.

ROBERT L. JACK.

NOTE TO SECOND EDITION.

In addition to the gentlemen mentioned in the Prefatory Note to the First Edition, thanks are specially due to—

The Charters Towers Exhibition Committee, composed of Messrs E. D. Miles (Chairman), Henry D. Walker (Secretary), A. Dawson M.L.A., J. H. Dunsford, M.L.A., E. H. T. Plant, J. Shakespeare A. E. Harte, A. H. Pritchard, R. Russell, J. Marsland, G. Macfarlane J. Cole, R. Carbis, R. Kirkbride, and F. Johnson.

Mr. F. J. Cherry, Mining Registrar, Coen.

The Committee of the Coen Progress Association, composed of Messrs J. Bush (President), R. Murray (Hon. Secretary), H. Mars W. Rose, G. Marsh, J. Wilson, and W. J. Carless.

Messrs. Frank I. Power, J. Atkinson, M. Mellor, John Floo G. Ranken, P. Donovan, J. Brown, J. O'Donahue, and B. W. Wallace Gympie, have also been very helpful on that goldfield; while Messrs J. Bartholomew (Maryborough), and J. Newell (Woothakata M.M.L.A.), have rendered special services in their respective electoral districts.

29th June, 1897.

R. L. J.

CATALOGUE OF THE EXHIBITS

IN THE

QUEENSLAND MINING COURT, QUEENSLAND INTERNATIONAL EXHIBITION, 1897.

ON WALLS AND TABLES.

MAPS, PHOTOGRAPHS, ETC.

1. Map of Queensland, showing Mineral Areas and Cane, Wheat, and Maize Areas, Artesian Bores, Railways, &c. Scale, 4 miles to an inch. Specially prepared for this Exhibition by Chas. Edmonds and J. S. Nightingale, at the Survey Office, Brisbane.

Exhibited by The Surveyor-General.

2. Map of Queensland and British New Guinea. Prepared for Educational Purposes at the Survey Office, Brisbane, 1896. Scale, 27 miles to an inch.

Exhibited by The Surveyor-General.

3. Street and Road Map of Brisbane and Suburbs. Published at the Surveyor-General's Office, Brisbane, 1897. Scale: 30 chains to an inch.

Exhibited by The Surveyor-General.

4. Map of Queensland, showing Railway Systems. Prepared at the Chief Engineer's Office, 1897. Scale, 27 miles to an inch.

Exhibited by The Chief Engineer of Railways.

5. { (G.S.Q. 391-4.) Four Sets of Photographs of Queensland
to { Artesian Wells. (Presented by J. B. Henderson to the
Geological Survey.)

8. { *Exhibited by The Geological Survey.*

9. (G.S.Q. 317). Large Photograph of No. 11 Thurlagoona Bore (artesian well). Depth, 1,710 feet. Flow, 3,000,000 gallons per day. Temp., 115° F.

Exhibited by The Hon. Sir Hugh Nelson.

10. (G.S.Q. 319.) Photograph of No. 2 Bore, Thurlagoona (artesian well), with an engineer engaged in measuring the flow. Depth, 1,682 feet. Flow, 576,000 gallons per day. Temp., 117° F.

Exhibited by The Hon. Sir Hugh Nelson.

11. (G.S.Q. 323.) Photograph of No. 6 Bore, Bundaleer (artesian well). Depth, 1,612 feet. Flow, 184,000 gallons per day. Temp., 119° F.

Exhibited by The Hon. Sir Hugh Nelson.

12. (G.S.Q. 325.) Photograph of No. 1 Bore, Noorama (artesian well). Depth, 1,290 feet. Flow, 93,000 gallons per day. Temp., 108° F.

Exhibited by The Hon. Sir Hugh Nelson.

13. (G.S.Q. 324.) Photograph of No. 2 Bore, Noorama (artesian well). Depth, 1,632 feet. Flow, 3,456,000 gallons per day. Temp., 110° F.

Exhibited by The Hon. Sir Hugh Nelson

14. (G.S.Q. 322.) Photograph of No. 2 Bore, Thurlagoona (artesian well). Depth, 1,682 feet. Flow, 576,000 gallons per day. Temp., 117° F.

Exhibited by The Hon. Sir Hugh Nelson

15. (G.S.Q. 318.) Photograph of Charleville Government Bore (artesian well). Depth, 1,371 feet. Flow, 3,000,000 gallons per day. Temp., 106° F.

Exhibited by The Hon. Sir Hugh Nelson

16. (G.S.Q. 321.) Photograph of Coogee Bore (Thurlagoona No. 2, artesian well). Depth, 1,630 feet. Flow, 192,000 gallons per day. Temp., 110° F.

Exhibited by The Hon. Sir Hugh Nelson

17. (G.S.Q. 320.) Photograph of Mentone Bore (Bundaleer No. 1, artesian well). Depth, 1,685 feet. Flow, 220,000 gallons per day. Temp., 110° F.

Exhibited by The Hon. Sir Hugh Nelson

18. } (G.S.Q. 389, 390.) Two Sets of Photographs, by J. Lundberg,
19. } of Mount Morgan Mine and Works in 1896.

Exhibited by Geological Survey

- (1) Upper and Lower Works from top of Quarry. (2) Quarry looking North, showing part of stopes and five old tunnels. (3) Stopes, showing timber sets. (4) Revolving Furnaces, New West Works. (5) Vats, New West Works. (6) Revolving Trommel for drying ore, New West Works. (7) New West Works for treatment of low-grade ores. (8) Lower Works, from Red Hill. (9) Upper Works and Wire Tramway. (10) Upper Works from Mundic Creek. (11) General View of Works from Mine from Jubilee Hill. (12) Sugar-loaf Shaft (2,000 feet deep).

20. { (G.S.Q. 397-403.) Set of Seven Photographs of Krupp
to { Grusonwerk, Magdeburg-Buckau.

26. { *Exhibited by* Hoyer, Tiegs, and Co., Brisbane

- (20) General View of the Works. (21) Special Train leaving the Works with 8 Krupp Ball Mills No. 5, for Mount Morgan, Queensland; Stonebreaker with Revolving Stone Drum; Grinding-drums for Krupp Ball Mills. (22) Krupp Ball Mills, No. 5, erected at the New West Works, Mount Morgan, for the treatment of low-grade ores. (23) Stone Breakers, Classifiers, Jiggers, Buddles, &c. (24) Engine Rooms, Pattern Rooms, Turnery Rooms, Mounting Shop, Planing Shop, &c. (25) General Foundry, Armour Foundry, Forge, Gun-carriage Mounting Shop. (26) Armour and Gun Shops, Shooting Ranges, &c.

27. { (G.S.Q. 356-378.) Collection of Photographs of Charters
to { Towers Mines.
49. {

Exhibited by The Geological Survey.

- (27) Day Dawn Freeholds. (28) Lady Florence. (29) Papuan. (30) New Brilliant Extended. (31) Brilliant P.C. (32) Victoria and Queen. (33) Bonnie Dundee. (34) No. 5 West Day Dawn. (35) Clarke's Brilliant, Worcestor, and Victory. (36) Mills United. (37) Golden Surprise. (38) Queen Cross. (39) Day Dawn P.C. (40) Day Dawn Block and Wyndham. (41) Phoebe. (42) Brilliant Block. (43) Victory. (44) Identity United. (45) Brilliant and St. George. (46) Victoria G.M. Co. (47) Kelly's Queen Block. (48) Brilliant Freehold. (49) Diamond Drill.

- 49A. (G.S.Q. 441.) Collection of Five Photographs of the Underground Workings of Columbia Smithfield Mine, Gympie. (On stand holding Columbia Smithfield gold.)

Exhibited by The Directors.

50. Reports of the Department of Mines, Queensland, vol. I., 1880-1890, vol. II., 1891-1895. (On table.)

Exhibited by Department of Mines.

51. Reports of the Geological Survey of Queensland, 4to. vol. (On table.) See List of Publications on adjoining table.

Exhibited by Geological Survey.

52. Collection of Bulletins of the Geological Survey of Queensland (on table.)

Exhibited by Geological Survey.

53. Collection of Maps issued with the Reports of the Geological Survey (No. 51). Viz.:—

- (1) Map No. 1, Herberton District, to accompany Report on the Tin Mines of Herberton, Western and Thompson's Creek Districts, and the Silver Mines of the Dry River, Queensland. By Robert L. Jack, 1883. (Geological Survey List, No. 13.)
- (2) Map No. 2, Western District, to accompany Report on Tin Mines of Herberton, Western and Thompson's Creek Districts, and the Silver Mines of the Dry River, Queensland. By Robert L. Jack, 1883. (Geological Survey List, No. 13.)
- (3) Geological Map of the Hodgkinson Gold Field. By Robert L. Jack, 1884. (Geological Survey List, No. 16.)
- (4) No. 2 Geological Map of the Hodgkinson Gold Field. By Robert L. Jack, 1884. (Geological Survey List, No. 16.)
- (5) Plan to accompany Report on Mount Morgan. By Robert L. Jack, 1884. (Geological Survey List, No. 17.)
- (6) Geological Map No. 1. Environs of the Town of Howard. By William H. Rands, 1886. (Geological Survey List No. 24.)

53. Geological Survey Maps—*continued*.

- (7) Geological Map No. 2. Part of the Burrum Coal Field. By William H. Rands, 1886. (Geological Survey List, No. 24.)
- (8) Geological Map to accompany Report on the Argentine (Star) Silver Mines, Kennedy District. By Robert L. Jack, 1886. (Geological Survey List, No. 26.)
- (9) Geological Map, No. 1, of Kilkivan and District. By William H. Rands, 1886. (Geological Survey List, No. 28.)
- (10) Plan, No. 2, Kilkivan. By William H. Rands, 1886. (Geological Survey List, No. 28.)
- (11) Geological Map, No. 3, of the Black Snake District. By William H. Rands, 1886. (Geological Survey List, No. 28.)
- (12) Geological Map of the City of Brisbane and its Environs. By William H. Rands, 1887. (Geological Survey List, No. 34.)
- (13) Map, No. 1, of the Etheridge Gold Field. Compiled by Robert L. Jack. To accompany Report on Geological Observations in the North of Queensland, 1886-7. (Geological Survey List, No. 35.)
- (14) Sketch Map, No. 3, showing the Annan Tin Field. By Robert L. Jack. To accompany Report on Geological Observations in the North of Queensland, 1886-7. (Geological Survey List, No. 35.)
- (15) Plan No. 2, showing portion of Yatton Gold Field. To accompany Report on the Geological Features of the Mackay District. By Robert L. Jack, 1887. (Geological Survey List, No. 39.)
- (16) Geological Sketch Map of the Upper Russell River, to accompany Report on the Geology of the Russell River. By Robert L. Jack, 1888. (Geological Survey List, No. 45.)
- (17) Map of Queensland, showing positions of Mineral Fields, issued with "Mineral Wealth of Queensland," 1888. (Geological Survey List, No. 48.)
- (18) Geological Map of the Albert and Logan District. By William H. Rands, 1889. (Geological Survey List, No. 51.)
- (19) Geological Map, No. 3, of the Two-Mile, Gympie. By William H. Rands, 1888. (Geological Survey List, No. 52.)
- (20) Geological Map of part of the Gympie Gold Field. By William H. Rands, 1888. (Geological Survey List, No. 52.)
- (21) Section across 7 and 8 Monkland and 1 South Great Eastern, Gympie, 1888. (Geological Survey List, No. 52.)
- (22) Sections through Golden Crown and Phoenix Golden Pile Shafts, 1888. (Geological Survey List, No. 52.)
- (23) Plan, showing actual position of the Monkland Reef at various depths, 1888. (Geological Survey List, No. 52.)
- (24) Geological Map, No. 2, of the Gympie Gold Field. By William H. Rands, 1888. (Geological Survey List, No. 52.)

53. Geological Survey Maps—*continued*.

- (25) Geological Sketch Map of the Mackay District. By A. G. Maitland, 1889. (Geological Survey List, No. 53.)
- (26) Geological Sketch Map of the Head of the Isaacs River, to accompany Report upon Geological Observations at the Head of the Isaacs, the Suttor, and the Bowen River. By A. G. Maitland, 1889. (Geological Survey List, No. 54.)
- (27) Geological Sketch Map of Sellheim District, to accompany Report on Sellheim Silver Mines. By Robert L. Jack, 1889. (Geological Survey List, No. 57.)
- (28) Geological Map, to accompany Report on Sellheim Silver Mines. By Robert L. Jack, 1889. (Geological Survey List, No. 57.)
- (29) Geological Sketch Map of a portion of the Kennedy and Leichhardt Districts, to accompany the Annual Progress Report for 1889. From Surveys by Robert L. Jack and A. G. Maitland. (Geological Survey List, No. 58.)
- (30) Geological Map, to accompany Report on Tiaro District. By William H. Rands, 1890. (Geological Survey List, No. 59.)
- (31) Geological Map of Mount Biggenden. By William H. Rands, 1889. (Geological Survey List, No. 60.)
- (32) Geological Sketch Map of Bee Creek Diggings. By A. G. Maitland, 1889.
- (33) Plan of the Emu Plains Silver Field, North Kennedy District, 1889.
- (34) Geological Sketch Map, No. 1, to accompany Second Report on the Tin Mines near Cooktown. By Robert L. Jack, 1890. (Geological Survey List, No. 66.)
- (35) Plan of the Paradise Gold Field. By William H. Rands, 1890. (Geological Survey List, No. 68.)
- (36) Geological Sketch Map, No. 2, to accompany Report on the Chillagoe and Koorboora Districts. By Robert L. Jack, 1890. (Geological Survey List, No. 69.)
- (37) Geological Sketch Map, No. 1 (on a plane projection), of the Mining District of the Upper Walsh and Tate Rivers to accompany Report on the Chillagoe and Koorboora Districts. By Robert L. Jack, 1890. (Geological Survey List, No. 69.)
- (38) Horizontal Sections to accompany Report on the Geology of the Cooktown District. By A. G. Maitland, 1891. (Geological Survey List, No. 70.)
- (39) Geological Sketch Map of the Cooktown District. By A. G. Maitland, 1891. (Geological Survey List, No. 70.)
- (40) Geological Sketch Map of the Upper Burdekin. By A. G. Maitland, 1891. (Geological Survey List, No. 71.)
- (41) Geological Map of the Coolgarra Tin-Mining District. By A. G. Maitland, 1890. (Geological Survey List, No. 72.)
- (42) Geological Sketch Map of part of the Kennedy District. By William H. Rands, 1891. Geological Survey List, No. 73.)

53. Geological Survey Maps—*continued*.

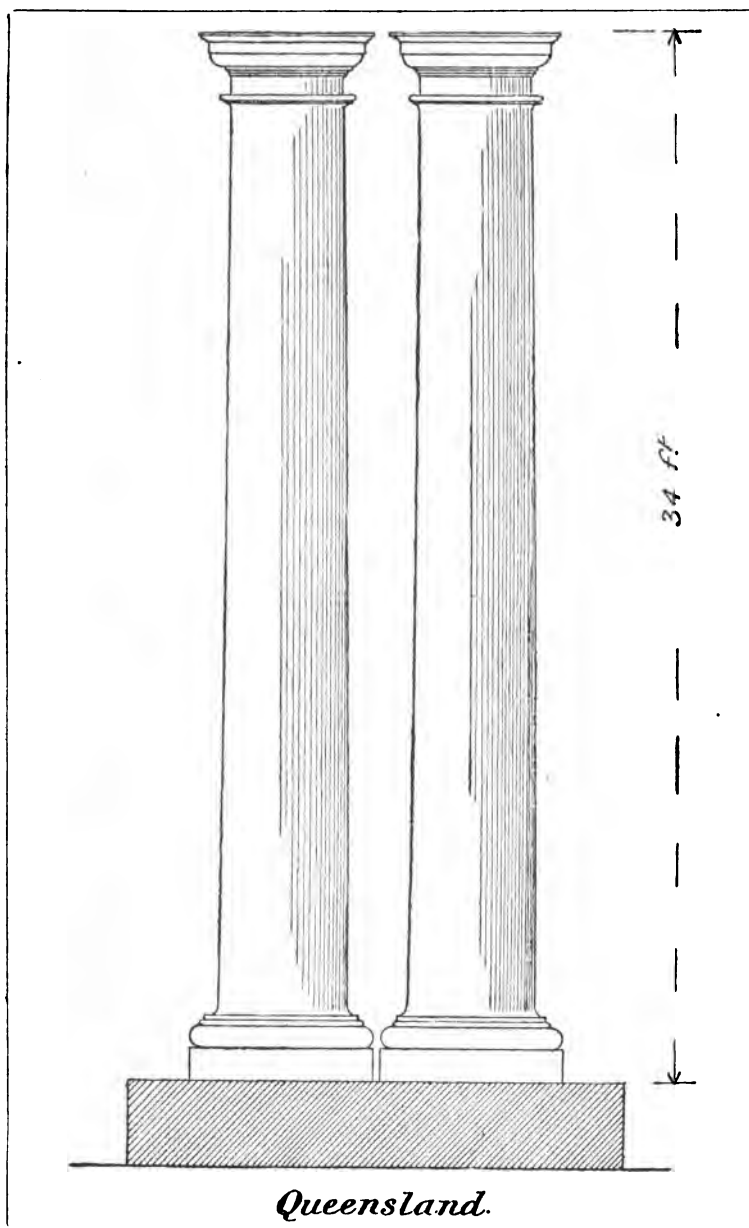
- (43) Geological Sketch Map of the Cape River Gold Field. By William H. Rands, 1891. (Geological Survey List, No. 73.)
- (44) Geological Sketch Map of Magnetic Island, Cleveland Bay. By A. G. Maitland, 1892. (Geological Survey List, No. 75.)
- (45) Section across Cania Gold Field, issued with Annual Report of the Geological Survey, 1890. By W. H. Rands. (Geological Survey List, No. 77.)
- (46) Geological Map of the Cania Gold Field, issued with Annual Report of the Geological Survey, 1890. By William H. Rands, 1890. (Geological Survey List, No. 77.)
- (47) Geological Map of Commissioner's Hill, Gilberton. By Robert L. Jack, 1890. (Geological Survey List, No. 77.)
- (48) Geological Sketch Map to accompany Report on the Callide Creek Coal Deposits. By W. H. Rands, 1891. (Geological Survey List, No. 80.)
- (49) Geological Map of Kangaroo Hills District, to accompany Report on the Kangaroo Hills Silver and Tin Mines. By Robert L. Jack, 1892. (Geological Survey List, No. 82.)
- (50) Plan, No. 2, of Mount Morgan, Queensland, showing localities from which specimens referred to in the Report were taken, to accompany Third Report on the Mount Morgan Gold Deposits. By R. L. Jack, 1892. (Geological Survey List, No. 83.)
- (51) Plan, No. 1, of the Workings, Mount Morgan Gold Mine, Queensland, to accompany Third Report on the Mount Morgan Gold Deposits. By Robert L. Jack, 1892. (Geological Survey List, No. 83.)
- (52) Sections to accompany Third Report on the Mount Morgan Gold Deposits. By Robert L. Jack, 1892. (Geological Survey List, No. 83.)
- (53) Geological Map of the Styx River Coal Field, to accompany Report on the Styx River Coal Field. By W. H. Rands, 1892. (Geological Survey List, No. 84.)
- (54) Geological Sketch Map, No. 3, to accompany Report on Geological Observations in British New Guinea. By A. G. Maitland, 1892. (Geological Survey List, No. 85.)
- (55) Geological Sketch Map, No. 2, to accompany Report on Geological Observations in British New Guinea. By A. G. Maitland, 1892. (Geological Survey List, No. 85.)
- (56) Geological Sketch Map, No. 1, to accompany Report on Geological Observations in British New Guinea. By A. G. Maitland, 1892. (Geological Survey List, No. 85.)
- (57) Plan of Normanby Gold Field to accompany Report by Robert L. Jack, 1892. (Geological Survey List, No. 88.)
- (58) Geological Sketch Map to accompany Report on the Russell River Gold Field. By Robert L. Jack, 1893. (Geological Survey List, No. 89.)

53. Geological Survey Maps—*continued*.

- (59) Geological Map of Queensland, scale 16 miles to an inch. By Robert L. Jack, 1892. (Geological Survey List, No. 90.)
- (60) Sketch Plans to accompany Report on Grass-tree Gold Field, near Mackay. By Robert L. Jack, 1893. (Geological Survey List, No. 93.)
- (61) Geological Map of Charters Towers Gold Field, Queensland. Geological lines by R. L. Jack, W. H. Rands, and A. G. Maitland, Topography by W. Thompson, 1894. (Geological Survey List, No. 95.)
- (62) Geological Map to accompany Report on the Ulam Gold Field. By A. G. Maitland, 1894. (Geological Survey List, No. 99.)
- (63) Geological Map of the Eidsvold Gold Field to accompany Second Report on the Eidsvold Gold Field. By William H. Rands, 1895. (Geological Survey List, No. 102.)
- (63A) Geological Sketch Map of part of the Eastern Margin of the Artesian Water District of Queensland. By Robert L. Jack and A. G. Maitland. To accompany Annual Progress Report of the Geological Survey for the year 1894. (Geological Survey List, No. 103.)
- (64) Map, No. 2, of the Palmer District. Compiled by Robert L. Jack from Surveys and Sketches by W. T. White, J. T. Embley, J. J. Davies, P. F. Sellheim, E. A. Kayser, H. Rosser, and R. L. Jack. To accompany Annual Report of the Geological Survey for the year 1895. (Geological Survey List, No. 108.)
- (65) Map No. 3, showing approximate position of Reefs in the neighbourhood of Maytown, Palmer Gold Field. To accompany Annual Report of the Geological Survey for the year 1895. (Geological Survey List, No. 108.)
- (66) Map No. 1. Geological Sketch Map of the Desert Sandstone Tableland between the Palmer and Mossman waters. By Robert L. Jack, 1896. (Geological Survey List, No. 109.)
- (67) Geological Sketch Map to accompany Report on the Horn Island Gold Field. By William H. Rands, 1896. (Geological Survey List, No. 112.)
- (68) Geological Map to accompany a Report on the Herberton Deep Lead. By Sydney B. J. Skertchly, 1896. (Geological Survey List, No. 115.)
- (69) Geological Map to accompany Report on the Deep (tin) Lead, Herberton. By Sydney B. J. Skertchly, 1896. (Geological Survey List, No. 115.)
- (70) Map No. 3. Geological Map of the Central Portion of the Croydon Gold Field, showing True Blue, Iguana, and Highland Mary. By William H. Rands. To accompany Report on the Croydon Gold Field, 1896. (Geological Survey List, No. 118.)

53. Geological Survey Maps—*continued*.

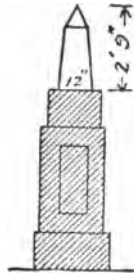
- (71) Map No. 4. Geological Map of Twelve-Mile and Homeward Bound. To accompany Report on the Croydon Gold Field. By William H. Rands, 1896. (Geological Survey List, No. 118.)
 - (72) Map No. 5. Geological Map of Tabletop and Golden Valley. By William H. Rands. To accompany Report on the Croydon Gold Field, 1896. (Geological Survey List, No. 118.)
 - (73) Map No. 2. Geological Map of Golden Gate and Belmore Creek. To accompany Report on the Croydon Gold Field. By William H. Rands, 1896. (Geological Survey List, No. 118.)
 - (74) Map No. 1. Geological Map of the Croydon Gold Field. By William H. Rands. To accompany Report on the Croydon Gold Field, 1896. (Geological Survey List, No. 118.)
 - (75) Map No. 1, to accompany Report on the Geological Features of Part of the District to be traversed by the proposed Transcontinental Railway. By Robert L. Jack, 1882. Based on a survey by Mr. Bishop. Scale, half-an-inch to the mile.
 - (76) Map No. 2, to accompany Report on the Geological Features of Part of the District to be traversed by the proposed Transcontinental Railway. By Robert L. Jack, 1882. Based on surveys mainly by C. Bedford. Scale, 4 miles to an inch.
 - (77) Map No. 3. Geological Sketch Map, to accompany Reports on the Geological Features of Part of the District to be traversed by the proposed Transcontinental Railway. By Robert L. Jack, 1882. Scale, 16 miles to an inch.
 - (78) Map No. 1. Etheridge Gold Field. Compiled by Robert L. Jack, chiefly from surveys by Mr. A. Kaiser and the late Mr. J. Sircom. Scale, 1 mile to the inch. To accompany Report on Geological Observations in the North of Queensland, 1886-1887.
 - (79) Map No. 2, showing the Etheridge and Gilbert Gold Fields. Scale, 12 miles to the inch. To accompany Report on Geological Observations in the North of Queensland, 1886-7. By Robert L. Jack.
- 53A. (G.S.Q. 98, 119.) Section of Shaft, Bonnie Dundee Gold Mine, Charters Towers.
Exhibited by The Directors.
- 53B. (G.S.Q. 153-157.) Section of Diamond Drill Bore, Golden Gate Gold-Mining Company, Charters Towers.
Exhibited by The Directors.
- 53C. Plan of Principal Gold-Mining Leases, Charters Towers, compiled from surveys to 20th April, 1896. Scale, 8 chains to an inch. (On Obelisk No. 63.) For distribution.
Exhibited by E. D. Miles and Co.



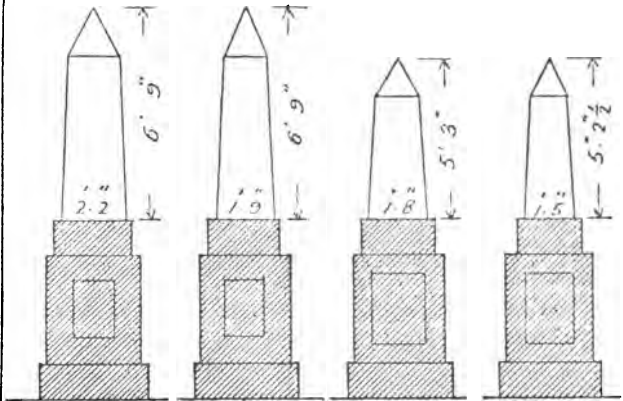
No. 54.

54. Two Gilded Doric Columns, representing the bulk of the gold produced in Queensland to 31st December, 1896. Total, 11,198,600 oz. troy (= 342 tons 16 cwt. 1 qr. av.); value, £39,195,100.

Exhibited by The Department of Mines.



Coen.
No. 55.



Hodgkinson. Clermont. Gladstone. Eidsvold.

No. 56.

No. 57.

No. 58.

No. 59.

55. Gilded Obelisk, representing the bulk of the gold produced by the Coen Gold Field to 31st December, 1896. Total, 19,307 oz. troy (= 11 cwt. 3 qr. 7 lb. 14 oz. 9 gr. av.); value, £55,507.

Exhibited by The Department of Mines.

56. Gilded Obelisk, representing the bulk of the gold produced by the Hodgkinson Gold Field to 31st December, 1896. Total, 234,698 oz. troy (= 7 tons 3 cwt. 2 qr. 21 lb. 9 oz. 4 gr. av.); value, £821,443.

Exhibited by The Department of Mines.

57. Gilded Obelisk, representing the bulk of the gold produced by the Clermont Gold Field to 31st December, 1896. Total, 155,963 oz. troy (= 4 tons 15 cwt. 1 qr. 26 lb. 9 oz. 11 gr. av.); value, £530,274.

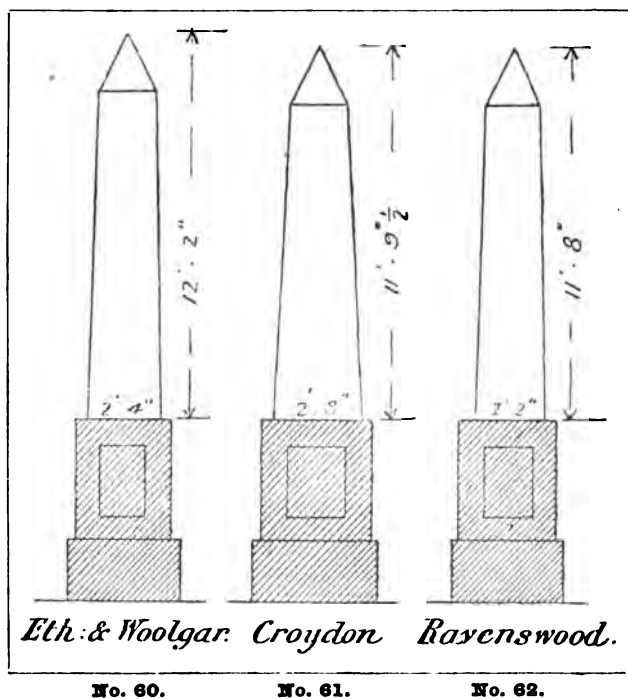
Exhibited by The Department of Mines.

58. Gilded Obelisk, representing the bulk of the gold produced by the goldfields of the Gladstone District to 31st December, 1896. Total, 113,087 oz. troy (= 3 tons 9 cwt. 26 lb. 8 oz. 9 gr. av.); value, £395,804.

Exhibited by The Department of Mines.

59. Gilded Obelisk, representing the bulk of the gold produced by the Eidsvold Gold Field to 31st December, 1896. Total, 86,416 oz. troy (= 2 tons 12 cwt. 3 qr. 17 lb. 10 oz. 11 gr. av.); value, £313,258.

Exhibited by The Department of Mines.



60. Gilded Obelisk, representing the bulk of the gold produced by the Etheridge Gold Field to 31st December, 1896. Total, 555,925 oz. troy (= 17 tons 1 qr. 12 lb. 9 oz. 2 gr. av.); value, £1,556,590.

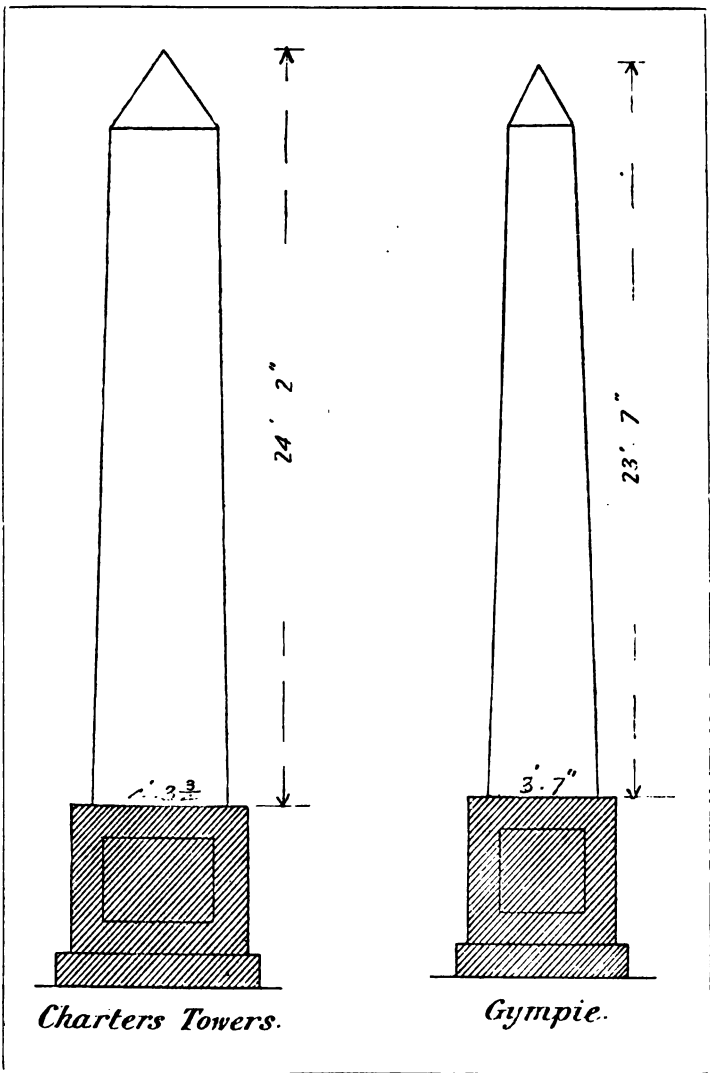
Exhibited by The Department of Mines.

61. Gilded Obelisk, representing the bulk of the gold produced by the Croydon Gold Field to 31st December, 1896. Total, 629,937 oz. troy (= 19 tons 5 cwt. 2 qr. 19 lb. 10 oz. 13 gr. av.); value, £1,590,590.

Exhibited by The Department of Mines.

62. Gilded Obelisk, representing the bulk of the gold produced by the Ravenswood Gold Field to 31st December, 1896. Total, 449,876 oz. troy (= 13 tons 15 cwt. 1 qr. 20 lb. 10 oz. 4 gr. av.); value, £1,574,566.

Exhibited by The Department of Mines.

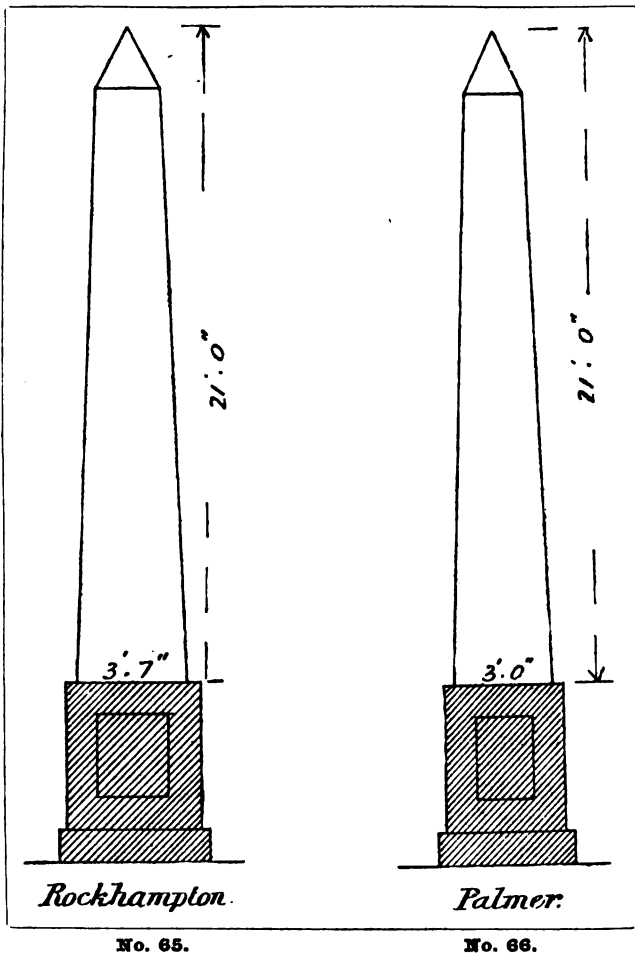


63. Gilded Obelisk, representing the bulk of the gold produced by the Charters Towers Gold Field to 31st December, 1896. Total, 3,584,278 oz. troy (= 109 tons 14 cwt. 1 qr. 23 lb. 1 oz. av.); value, £12,355,759.

Exhibited by The Department of Mines.

64. Gilded Obelisk, representing the bulk of the gold produced by the Gympie Gold Field to 31st December, 1896. Total, 2,110,109 oz. troy (= 64 tons 11 cwt. 3 qr. 17 lb. 3 oz. av.); value, £7,385,381.

Exhibited by The Department of Mines.



65. Gilded Obelisk, representing the bulk of the gold produced by the Rockhampton District Gold Fields to 31st December, 1896. Total, 1,867,675 oz. troy (= 57 tons 3 cwt. 1 qr. 25 lb. 2 oz. 4 gr. av.) ; value, £7,470,700.

Exhibited by The Department of Mines.

66. Gilded Obelisk, representing the bulk of the gold produced by the Palmer Gold Field to 31st December, 1896. Total, 1,350,685 oz. troy (= 41 tons 6 cwt. 3 qr. 22 lb. 6 oz. 5 gr. av.) ; value, £5,402,740.

Exhibited by The Department of Mines.

NOTE.—Trophies Nos. 54 to 66 were calculated and designed in the office of the Government Architect.

CASE 1.**GOLD—GYMPIE DISTRICT.**

301. (G.S.Q. 304-307.) Specimen Stone from Columbia Smithfield Gold Mine, Gympie. Estimated to contain 900 oz. gold; value, £3,150. (*See also* "Retorted gold" in Case 3.) Stone crushed since December, 1895, 11,581 tons. Yield of gold, 16,257 oz. 13 dwt. 18 gr. Dividends paid, £36,000. The last crushing (1st April—28th May, 1897) gave 2,813 oz., exclusive of the specimens in this case, and about 2,000 oz. in specimens retained at the mine. *See* No. 306.

Exhibited by The Directors.

CASE 2.**GOLD—GYMPIE DISTRICT.**

302. (G.S.Q. 301.) Specimen Stone. Estimated to contain 82 oz. 5 dwt. gold; value, £287 17s. 6d. No. 1 North Phoenix Gold-Mining Company, Limited, Gympie. Dividends paid, £424,750.

Exhibited by The Directors.

- 302A. (G.S.Q. 482.) Bar of Smelted Gold. No. 1 North Phoenix, Gympie. Weight, 385 oz. 12 dwt. 18 gr.; value, £1,400. From a crushing of 600 tons.

Exhibited by The Directors.

303. (G.S.Q. 309.) Specimen Stone from 200-foot level. Estimated to contain 35 oz. 10 dwt. gold; value, £124 5s. O'Donohue's New Zealand Tribute Gold-Mining Company, Limited, Gympie. 217 tons of stone from a reef which was cut on 14th January, 1897, have yielded 625 oz. gold. In 1871-2 the area (then known as No. 1 N. New Zealand) crushed 1,416 tons for 7,839½ oz.

Exhibited by The Directors.

- 303A. (G.S.Q. 310.) Ordinary Crushing Quartz. O'Donohue's New Zealand P.C. Tribute, Gympie. (Under case.)

Exhibited by The Directors.

304. (G.S.Q. 439.) Specimen Stone from 1,050-foot level. Phoenix Golden Pile Gold-Mining Company, Limited, Gympie. Estimated to contain 128 oz. 14 dwt. of gold; value, £450 10s. Crushings, 10,040 tons 8 cwt., yield 31,594 oz. 16 dwt. 22 gr. Dividends since June, 1896, £22,400.

Exhibited by The Directors.

305. (G.S.Q. 440.) Specimen Stone. Estimated to contain 170 oz. gold; value, £595. No. 4 North Phoenix Gold-Mining Company, Limited, Gympie. Results from Smithfield Reef (discovered July, 1896), 2,252 tons crushed. Yield, 7,389 oz. 13 dwt. 12 gr. Dividends, £16,500.

Exhibited by The Directors.

- 305A. (G.S.Q. 429, 430.) Ordinary Crushing Quartz. No. 4 North Phoenix Gold-Mining Company, Gympie. (Under case.)

Exhibited by The Directors.

- 305B. (G.S.Q. 538.) Bar of Smelted Gold. No. 4 North Phoenix Gold-Mining Company, Gympie. Weight, 301 oz. 10 dwt. 12 gr.; value, £1,084 11s. 2d. From a crushing of 303 tons

Exhibited by The Directors.

CASE 3.**GOLD—GYMPIE DISTRICT.**

306. (G.S.Q. 447.) Retorted Gold. Weight, 2,679 oz.; value, £9,439 10s.; with 4 pieces of auriferous quartz. (Part of the results of the crushings in April, 1897.) From Columbia Smithfield Gold-Mining Company, Gympie. *See* No. 301.

Exhibited by The Directors.

CASE 32.**GOLD—CHARTERS TOWERS DISTRICT.**

- 306A. (G.S.Q. 459.) Retorted Gold. Weight, 2,386 oz.; value, £8,351. From Brilliant Gold-Mining Company, Charters Towers. *See* No. 1010.

CASE 31.**GOLD—CHARTERS TOWERS DISTRICT.**

- 306B. (G.S.Q. 120.) Gold Specimen in Quartz. New Brilliant Extended, Charters Towers; 1,940-feet level. Estimated to contain about 25 oz. gold.

Exhibited by The Directors.

CASE 33.**GOLD—GYMPIE DISTRICT.**

- 306C. (G.S.Q. 508.) Specimen Stone. Breunna's Caledonia, Alma, and Lady Mary P.C. Tribute Gold-Mining Company, Limited, Gympie. Estimated gold contents, 100 oz. Value, £350.

Exhibited by The Directors.

CASE 4.**GOLD—CHARTERS TOWERS DISTRICT.**

307. (G.S.Q. 460.) Retorted Gold, from Clark's Brilliant, Worcester, and Victory Gold-Mining Company. 2,063 oz.; value, £7,720 10s. *See* No. 1002.

Exhibited by The Directors.

CASE 5.**GOLD—GYMPIE, ULAM, CANOONA, CAWARRAL, MORINISH, GLADSTONE, MOUNT WYATT, MOUNT SUCCESS, CAPE, MULGRAVE, RUSSELL, TINAROO, PALMER, ETHERIDGE, AND CLONCURRY DISTRICTS.**

308. (G.S.Q. 438.) Gold Scales, off the Upper Plate of the Golden Crown Battery. 17 oz. 16 dwt. 12 gr.; value, £65 19s.

Exhibited by Directors No. 4 North Phoenix G.M. Co., Gympie.

- 308A. (G.S.Q. 451.) Gold. 58 oz. 13 dwt. 18 gr.; value, £239 9s. 11d. Palmer.

Exhibited by The Department of Mines.

309. (G.S.Q. 419.) Gold, from Catalpa, Palmer Gold Field. 2 oz. 11½ dwt. (A. Folder.)

Exhibited by The Department of Mines.

310. (G.S.Q. 86.) Alluvial gold, from Ulam. 12 oz. 6 dwt. 4 gr.; value, £3 14s. 4d. per oz.

Exhibited by The Department of Mines.

- 310A. (G.S.Q. 483.) Alluvial gold, from Ulam. 22 oz. 4 dwt.; value, £3 16s. 10½d. per oz.

Exhibited by The Department of Mines.

311. (G.S.Q. 436.) Specimen Stone, from Dream Extended Gold Mine, Mount Jacob, near Gladstone (Mason Dixon). Estimated to contain 1 oz. 5 dwt. gold. Value, £3 5s. 8d.
Exhibited by The Department of Mines.
312. (G.S.Q. 432.) Gold, from Canoona Gold Field. 5 oz. 8 dwt. 12 gr.; value, £18 3s. 2d. From Warden, Rockhampton.
Exhibited by The Department of Mines.
313. (G.S.Q. 124.) Gold (nine nuggets), from Upper Mulgrave. Value, £15.
Exhibited by R. Sturt, Cairns.
314. (G.S.Q. 124-6.) Gold, from Upper Russell River. Value, £5.
Exhibited by F. Brown, Towalla.
315. (G.S.Q. 122.) Gold, from Cawarral, near Rockhampton. 8 oz. 0 dwt. 11 gr.; value, £4 0s. 10d. per oz.
Exhibited by The Department of Mines.
316. (G.S.Q. 124-7.) Gold, from Upper Mulgrave. Value, £5.
Exhibited by T. Mackay.
317. (G.S.Q. 123.) Gold, from Morinish. 9 oz. 5 dwt. 6 gr.; value, £3 15s. 8d. per oz.
Exhibited by The Department of Mines.
318. (G.S.Q. 219.) Gold, from Electric Light Claim, Etheridge Gold Field.
Presented by P. Ranniger; Exhibited by F. H. Howard.
319. (G.S.Q. 446.) Gold, from Monkland No. 1, Gympie.
Exhibited by I. Mayne.
320. (G.S.Q. 342.) Alluvial Gold, from Clonecurry Gold Field. 25 oz.; worth £4 per oz.
Exhibited by The Department of Mines.
321. (G.S.Q. 124-3.) Gold, from Stony Creek, near Cairns.
Exhibited by R. Sturt, Cairns.
322. (G.S.Q. 124-4.) Gold. Orient Mine, Mowbray Creek; value, 15s.
Exhibited by R. Sturt, Cairns.
323. (G.S.Q. 140.) Gold. Deep Lead, Cape River. 1 oz. 9 dwt. 6 gr.; value, £3 18s. per oz.
Exhibited by The Department of Mines.
324. (G.S.Q. 218.) Gold, from Gilbert River. Presented by J. B. Jones.
Exhibited by F. W. Howard, of Little River.
325. (G.S.Q. 129-1.) Gold, from Upper Cape (accompanying two large nuggets).
Exhibited by The Department of Mines.
326. (G.S.Q. 136-8.) Gold (nuggets and coarse alluvial), from Homestead Creek, near Cape River.
Exhibited by The Department of Mines.
327. (G.S.Q. 124-5.) Gold, from Upper Mulgrave. Value, £4.
Exhibited by R. Sturt, Cairns.
328. Gold, from North Glanmire, Gympie. From M. Mellor, Gympie. Diamond Drill Core showing free gold.
Exhibited by The Department of Mines.

329. (G.S.Q. 139.) Gold, from Porphyry Creek. 1 oz. 16 dwt. 12 gr., value, £3 14s. 6d. per oz.

Exhibited by The Department of Mines.

330. (G.S.Q. 130-2.) Gold, from Broken River. 3 oz. 2 dwt.; value, £4 2s. 8d. per oz.

Exhibited by The Department of Mines.

331. (G.S.Q. 135-7.) Gold. Brook's Camp. 1 oz. 1 dwt. 12 gr.

Exhibited by The Department of Mines.

332. (G.S.Q. 133.) Gold (mortared), Lot 1, from Mount Davenport. 13 oz. 13 dwt.

Exhibited by The Department of Mines.

333. (G.S.Q. 133.) Gold (mortared), Lot 2, from Mount Davenport. 16 oz. 8 dwt.

Exhibited by The Department of Mines.

334. (G.S.Q. 133.) Gold (mortared), Lot 3, from Mount Davenport. 3 oz. 1 dwt.

Exhibited by The Department of Mines.

335. (G.S.Q. 138-10.) Gold, from Mount Leyshon. 13 dwt. 8 gr.; value, £2 11s. 1d.

Exhibited by The Department of Mines.

336. (G.S.Q. 217.) Gold. Green Hills Rush, Nuggety Gully.

Exhibited by P. Tornaroo.

337. (G.S.Q. 132-4.) Gold (coarse and fine alluvial), from Mount Success. 4 oz. 3 dwt. 12 gr.; value, £3 14s. 3d. per oz.

Exhibited by The Department of Mines.

338. (G.S.Q. 131-3.) Alluvial Gold, Mount Wyatt. 6 dwt. 12 gr.; value, £1 4s. 4d.

Exhibited by The Department of Mines.

339. (G.S.Q. 134-6.) Gold from Mount Success. 1 oz. 13 dwt. 15 gr.; value, £3 14s. 3d. per oz.

Exhibited by The Department of Mines.

340. (G.S.Q. 137-9.) Gold Nugget. Nuggety Gully, between Black Rock and Mount Leyshon. 1 oz. 2½ dwt.; value, £4.

Exhibited by The Department of Mines.

341. (G.S.Q. 124-2.) Gold (four nuggets), from Tinaroo Field, near Cairns. Value, £2.

Exhibited by R. Sturt.

CASE 6.

342. (G.S.Q. 448.) Collection of Gold Specimens, from various Queensland localities.

Exhibited by Queensland National Bank.

CASE 7.

PRECIOUS STONES.

350. Quartz and Topazes and Sapphires, found associated with tinstone. Spring Creek, Stanthorpe.

Melb. Cent. Ex.

351. (G.S.Q. 386.) Topaz (rough). 26 crystals.
Exhibited by W. H. Hyde.
353. (G.S.Q. 382.) White Topaz. Value, £1. Cut by H. W. Hyde.
Exhibited by H. W. Hyde.
- 354, 355. (G.S.Q. 381.) Sapphires (2). $2\frac{1}{2}$ carats; value, £2 12s. 6d.
Cut by H. W. Hyde.
Exhibited by H. W. Hyde.
356. (G.S.Q. 380.) Oriental Emerald. $2\frac{1}{4}$ carats; value, £6. Cut by H. W. Hyde.
Exhibited by H. W. Hyde.
357. (G.S.Q. 379.) Oriental Topaz. $3\frac{1}{4}$ carats; value, £10. Cut by H. W. Hyde.
Exhibited by H. W. Hyde.
358. (G.S.Q. 385.) Garnet in the rough.
Exhibited by H. W. Hyde.
359. (G.S.Q. 384.) Oriental Emerald (in the rough).
Exhibited by H. W. Hyde.
360. (G.S.Q. 456.) Queensland Opals, from Western Queensland.
This collection contains 547 cut opals, weighing 355 carats.
Exhibited by James Clark.
361. (G.S.Q. 449.) Zircon, from Eungella, near Mackay.
Exhibited by G. H. Irvine.
362. Oriental Topaz, Queensland.
Exhibited by James Clark.
363. (G.S.Q. 325.) Three Cut Topazes, Stanthorpe, Queensland.
Exhibited by Leonard C. Green.
364. (G.S.Q. 340.) Zircons (1 lb.). Barker and Underwood's Prospecting Area, Bull's Creek, Eungella, Mackay.
Exhibited by Barker and Underwood.
365. (G.S.Q. 125.) Uncut Sapphires, Green Sapphires (Oriental Emerald), and Yellow Sapphires (Oriental Topaz), from Area No. 50, Retreat Creek, Anakie.
Exhibited by Levi Newsom.
366. (G.S.Q. 387.) Sapphire (rough).
Exhibited by H. W. Hyde.
367. (G.S.Q. 484.) Opal in the Matrix, from Cooper's Creek.
Exhibited by Mrs. E. A. Gaden.
368. (G.S.Q. 539.) Eleven Pearls, from Torres Straits, including 2 brown, 1 black, 1 amethyst, and 1 milk-white. Total weight, 85 carats; value, £400.
Exhibited by James Clark.
373. (G.S.Q. 471.) Opal in Matrix, from Opalton, Queensland.
Exhibited by P. F. Sellheim.

CASE 8.

GOLD—GYMPIE AND EIDSVOLD DISTRICTS.

370. (G.S.Q. 453.) Gold, in Quartz, from Lady Augusta Mine, Eidsvold. Stone crushed, 1892-1896 (inclusive), 1,054 tons. Yield of gold, 4,797 oz.; value of gold, £3 13s. per oz.
Exhibited by The Shareholders.

Casts of 18 Gold Bars, from Gympie.

Exhibited by The Royal Bank of Queensland.

(G.S.Q. 437.) Specimen Stone. Estimated to contain 3 oz. gold; value, £12 12s. North Glanmire Gold-Mining Company, Gympie.

Exhibited by The Directors.

(G.S.Q. 10.) Porphyry, faced with Gold. Mountain north of Long Tunnel Claim, Kilkivan.

Exhibited by The Department of Mines.

(G.S.Q. 486.) Bar of Smelted Gold, from No. 4 South Smithfield, Gympie. Weight, 228 oz., from a crushing of 63 tons; assay value, £3 12s. 6d. per oz.

Exhibited by The Company.

CASE 9.

PEARLS AND PRECIOUS STONES; ETHERIDGE DISTRICT GOLD.

(G.S.Q. 472.) Collection of Opals in the Matrix, from Western Queensland.

Exhibited by The Geological Survey.

(G.S.Q. 473.) Marine Shells converted into Opal. White Cliffs, New South Wales.

Exhibited by The Geological Survey.

(G.S.Q. 474.) Opal, pseudomorphous after Gypsum (?). White Cliffs, New South Wales.

Exhibited by The Geological Survey.

(G.S.Q. 458.) Gold-bearing Ore, from Monte Christo, Mosquito Creek, Etheridge Gold Field. Nine specimens.

Exhibited by The Shareholders.

(G.S.Q. 458.) Gold-bearing Ore, from Balmoral, Castleton, Etheridge Gold Field. Nine specimens.

Exhibited by The Shareholders.

(G.S.Q. 458.) Gold-bearing Ore, from the Queenslander, Etheridge Gold Field. Twelve specimens.

Exhibited by The Shareholders.

(G.S.Q. 458.) Auriferous Ore, from St. George, Etheridge Gold Field.

Exhibited by The Shareholders.

(G.S.Q. 496.) Pearl-shell Blister, Torres Straits. This is the largest "blister" yet found in the Straits. Pearls valued at £150 and £100 have been found in similar "blisters."

Exhibited by Brown, Campbell, and Co.

CASE 10.

GOLD FROM ETHERIDGE, CHARTERS TOWERS, &C.

(G.S.Q. 75-6.) Specimen Stone, containing 10 oz. 2 dwt. gold; value, £3 10s. Red Flat, Green Hills, Etheridge.

Exhibited by The Department of Mines.

398. (G.S.Q. 75-7.) Gold Nugget. Red Flat, Green Hills.
5 dwt. 4 gr.; value, 16s.

Exhibited by The Department of Mines.

399. (G.S.Q. 75-8.) Quartz showing Gold. True Blue Reef
Western Creek, Gilbert River.

Exhibited by J. Reid.

400. (G.S.Q. 75-5.) Gold, with Quartz. 2 oz. 6 dwt.; value, £8.
Red Flat, Green Hills, Etheridge.

Exhibited by The Department of Mines.

401. (G.S.Q. 75-9.) Agate, with Gold. Cameron's Leader, Upper
Percy.

Exhibited by The Department of Mines.

- 401A. (G.S.Q. 75-1A.) Gold with Quartz. Nuggety Gully, Green
Hills, Etheridge. Estimated to contain 12 oz. 9 dwt. gold;
value, £40.

Exhibited by The Department of Mines.

402. (G.S.Q. 75-3.) Gold Nugget, with a little Quartz. Red
Flat, Green Hills, Etheridge. 4 oz. 19 dwt.; value, £15.

Exhibited by The Department of Mines.

403. (G.S.Q. 75-4.) Gold Nugget. Red Flat, Green Hills,
Etheridge. 1 oz. 18 dwt.; value, £6 1s. 7d.

Exhibited by The Department of Mines.

404. (G.S.Q. 75-2.) Loose Quartz, with Gold, apparently from cap
of Hogan's Reef. Estimated 4 oz. 13 dwt. gold; value,
£13 19s.

Exhibited by The Department of Mines.

405. (G.S.Q. 74-2.) Specimen Stone. Red Flat, Green Hills,
Etheridge. (Hogan's Specimen, No. 5.) Estimated to
contain 4 oz. gold.

Exhibited by The Department of Mines.

406. (G.S.Q. 74-1.) Specimen Stone (in two pieces). Nuggety
Gully, Green Hills, Etheridge. Estimated to contain 60 oz.
gold; value, £192. Two specimens.

Exhibited by The Department of Mines.

407. (G.S.Q. 76.) Specimen Stone, from Hogan's Reef, Green
Hills. 256 oz.; value, £40. Ten specimens.

Exhibited by The Department of Mines.

408. (G.S.Q. 11.) Alluvial Gold. Robinson River, Etheridge Gold
Field.

Exhibited by J. Candlish, Georgetown.

409. (G.S.Q. 12.) Specimen Stone (gold in quartz). "Rocky,"
near Georgetown, Etheridge Gold Field.

Exhibited by J. Candlish, Georgetown.

410. (G.S.Q. 13.) Gold in Quartz (taken from cap of the reef).
"Tim Hogan's Find," Green Hills, Etheridge Gold Field.

Exhibited by J. Candlish, Georgetown.

411. (G.S.Q. 14.) Alluvial Gold (nugget). Green Hills, Etheridge Gold Field.

Exhibited by J. Candlish, Georgetown.

415. (G.S.Q. 108.) Quartz, showing Free Gold, from Brilliant Extended, Charters Towers.

Exhibited by The Directors.

416. (G.S.Q. 85.) Specimen Stone, from Gertrude Mine, Leichhardt Gold Field. Value, £12. Three specimens.

Exhibited by John Fisher.

417. (G.S.Q. 224.) Collection of Gold Specimens:—

No.	Specimen.	Depth. Feet.	Value. £ s.	
(1)	Day Dawn Block and Wyndham ...	700 ...	32	0
(2)	Day Dawn, Charters Towers ...	700 ...	12	0
(3)	Do. do. ...	600 ...	6	0
(4)	Reef Gold, Surface Hill, Upper Cape	20 ...	6	0
(5)	Do. do. do.	20 ...	6	0
(6)	Lady Maria, Charters Towers ...	300 ...	5	0
(7)	Lucky Prop Reef, Charters Towers	50 ...	2	0
(8)	Woolgar Gold Field ...	...	1	0
(9)	Mount Morgan ...	40 ...	0	5
(10)	Do. ...	...	0	2
(11)	Gilbert Gold Field ...	...	2	0
(12)	Do. ...	...	0	15
(13)	Reef Gold, Surface Hill, Upper Cape	50 ...	2	0
(14)	Do. do. do.	50 ...	3	0
(15)	Ballarat, Victoria ...	...	1	10
(16)	Do. do. ...	...	0	15
(17)	Homestead, Goldfield ...	Surface	...	
(18)	Viking Reef, Palmer Gold Field ...	...	10	0
(19)				
(20)	Etheridge Gold Field ...	...	0	5
(21)	Day Dawn, Charters Towers ...	600 ...	4	0
(22)	Yatton Gold-Mining Co., Broadsound	120 ...	25	0
(23)	Brilliant Block, Charters Towers ...	1,300 ...	30	0
(24)	Day Dawn, Charters Towers ...	...	3	0
(25)	Brilliant Block, Charters Towers ...	...	2	0
(26)	Ravenswood Reef Gold ...	60 ...	3	5
(27)	Cape River Alluvial ...	30 ...	5	8
(28)	Retorted Gold ...	...	14	0
(29)	Bar Gold ...	...	12	8
(30)	Nugget from Brilliant Block ...	1,300 ...	7	10
(31)	Alluvial, 8 miles from Charters Towers	...	7	0
(32)	Malay Peninsula, near Raub ...	...	0	10
(33)	Thames Gold Field, New Zealand ...	...	0	15
(34)	Brilliant Block, Charters Towers ...	1,400 ...	3	0
(35)	Kalgoorlie, West Australia ...	60 ...	10	0
(36)	Woolgar Gold ...	...	0	10
(37)	Samples of Etheridge Gold.			
(38)	Two small pebbles with free gold.			

Exhibited by E. H. T. Plant, Charters Towers.

CASE 11.

425. (G.S.Q. 308.) Specimen Stone. Estimated to contain 230 oz. gold; value, £805. Wilmot Extended Gold-Mining Company, Limited, Gympie. Stone crushed by present Company, 13,710 tons. Yield of gold, 48,322 oz. Dividends paid, £123,150. In September, 1894, 470 tons of stone yielded 10,944 oz. gold.

Exhibited by The Directors.

CASE 12.

CENTRAL DISTRICT AURIFEROUS ORES: SILVER.

432. (G.S.Q. 503.) Collection of Auriferous Ores from Mount Morgan.

Exhibited by Geological Survey.

433. (G.S.Q. 488.) Granulated Fine Silver, from Aldershot Smelting Works. Weight, 557·8 oz.; value, £122.

Exhibited by Queensland Smelting Company.

CASE 13.

AURIFEROUS ORES FROM MULGRAVE, TOWALLA, MAREEBA, RUSSELL, PALGRAVE, &c.: QUICKSILVER ORES.

440. (G.S.Q. 434.) Rock and Fossil, 10 feet from surface, in Cameron's Lookout Reward Claim, Mount Rainbow. Two specimens.

Exhibited by W. Carmichael.

441. (G.S.Q. 409.) Pyrites. Near Geraldton.

Exhibited by R. Sturt.

442. (G.S.Q. 409.) Auriferous Quartz. Mackenzie Claim, Clohesy.

Exhibited by R. Sturt.

443. (G.S.Q. 409.) Auriferous Quartz. Various Claims, Clohesy.

Exhibited by R. Sturt.

444. (G.S.Q. 409.) Auriferous Quartz. Pioneer, Mulgrave.

Exhibited by R. Sturt.

445. (G.S.Q. 409.) Auriferous Quartz. Towalla.

Exhibited by R. Sturt.

446. (G.S.Q. 409.) Auriferous Quartz. Queen Constance, Mareeba.

Exhibited by R. Sturt.

447. (G.S.Q. 409.) Auriferous Quartz. Queen Constance, Mareeba.

Exhibited by R. Sturt.

448. (G.S.Q. 409.) Auriferous Quartz, from surface. Queen Constance, Mareeba.

Exhibited by R. Sturt.

449. (G.S.Q. 409.) Auriferous Quartz. Queen Constance, Mareeba.

Exhibited by R. Sturt.

(G.S.Q. 409.) Collection of Minerals, from Mareeba.

Exhibited by J. W. Walton.

(G.S.Q. 409.) Quartz showing Gold. Head of the Russell River. Valued at £25.

Exhibited by F. G. Brown.

(G.S.Q. 463.) Cinnabar from Hot Springs, Opua District, New Zealand. Six specimens.

Exhibited by Samuel L. Hester.

(G.S.Q. 464.) Cinnabar and Shale, from Kilkivan. Thirty-one Specimens.

Exhibited by Samuel L. Hester.

(G.S.Q. 499.) Gold in Quartz. Drake and Cullen's Reward Claim, "Madam Ross," Palgrave Gold Field.

Exhibited by Drake and Cullen.

CASE 14.

QUICKSILVER AND BISMUTH ORES: CAST OF GANOID FISH, &c.

(G.S.Q. 411.) *Ceratodus Fosteri*, *Kreff*. (Cast.)

Made, coloured, and exhibited by A. Alder.

(G.S.Q. 343-355.) Quicksilver Ore (Cinnabar), Kilkivan.

Exhibited by Samuel L. Hester.

(G.S.Q. 481.) Asbestos, from Princhester, Canoona Gold Field.

Exhibited by The Department of Mines.

(G.S.Q. 491.) Cinnabar. Mactaggart and Party's Freehold, Kilkivan.

Exhibited by D. Mactaggart.

(G.S.Q. 492.) Bismuth Ores, from Mount Biggenden,

Exhibited by D. Mactaggart.

(G.S.Q. 475.) Collection of Metals and Alloys, smelted by J. Crystal and Dr. Marsh, of Maryborough, from Queensland Ores.

Exhibited by J. Crystal.

CASE 15.

GOLD, COPPER, ZINC, TIN, AND MANGANESE ORES.

Carbonate of Copper, from 4 feet to 20 feet level; yields 44 oz. silver per ton, with traces of gold. Harper's Hill, Mount Drain. Two Specimens.

Melb. Cent. Ex.

Auriferous Iron and Copper Pyrites, at 245 feet. Old Hector Gold-Mining Company, Crocodile Gold Field.

Melb. Cent. Ex.

Auriferous Iron and Copper Pyrites, at 245 feet. Old Hector Gold-Mining Company, Crocodile Gold Field.

Melb. Cent. Ex.

473. Quartz and Serpentine, showing Gold, from Annie Gold-Mining Company, Cawarral, Rockhampton.
Melb. Cent. Ex.
474. Quartz, showing Gold. Mount Dalzell Gold-Mining Company, Cawarral, near Rockhampton.
Melb. Cent. Ex.
475. Bornite (very rich). Lode at 50-feet level, Reid's Creek.
Melb. Cent. Ex.
476. Auriferous Ore, from 90-feet level, Caledonia Mine, Reid's Creek.
Melb. Cent. Ex.
477. Auriferous Arsenical Pyrites, 130-feet level, Caledonia Mine, Reid's Creek.
Melb. Cent. Ex.
478. Auriferous Pyrites Ore, 70-feet level, Caledonia Mine, Reid's Creek.
Melb. Cent. Ex.
479. Copper. Sample of Lode (very rich bornite), from 50-feet level, Nos. 1 and 2 North Manning Gold-Mining Company, Reid's Creek.
Melb. Cent. Ex.
480. Auriferous Pyrites and Zincblende, from reef 3 to 4 feet wide, containing about 20 oz. silver and 1 oz. gold per ton, Griffith P.C. Gold and Silver Mine, Gladstone.
Melb. Cent. Ex.
485. Carbonates of Copper (44 oz. silver per ton, with traces of gold). Mount Drain, Mount Perry Field.
Melb. Cent. Ex.
486. Tin Ore in Micaceous Rock. Welsby Tin-Mining Company, Stanthorpe.
Melb. Cent. Ex.
487. Tin Ore in Micaceous Rock. Lode Creek, Stanthorpe.
Melb. Cent. Ex.
488. Stream Tin. Hannigan's Claim, Quart-pot Creek, Stanthorpe.
Melb. Cent. Ex.
489. Tin Ore in Micaceous Rock. The Noble Tin-Mining Company, Lode Creek, Stanthorpe.
Melb. Cent. Ex.
490. Stream Tin. Miller's Grand Junction Claim, Quart-pot Creek, Stanthorpe.
Melb. Cent. Ex.
491. Stream Tin. Corrigan's Claim, Spring Creek, Stanthorpe.
Melb. Cent. Ex.
492. Stream Tin Ore. Slattery Brothers' Claim, Spring Creek, Stanthorpe.
Melb. Cent. Ex.

6. Stream Tin Ore. Slattery Brothers' Claim, Cannon Creek, Stanthorpe.
Melb. Cent. Ex.
7. Stream Tin. Severn River, Ballandean, Stanthorpe.
Melb. Cent. Ex.
8. Wash-dirt. Slattery Brothers' Claim, Cannon Creek, Stanthorpe.
Melb. Cent. Ex.
9. Wolfram in Quartz. Mount Marley Tin-Mining Company, Lode Creek, Stanthorpe.
Melb. Cent. Ex.
10. Stream Tin Ore. Sim's Claim, Spring Creek, Stanthorpe.
Melb. Cent. Ex.
11. Stream Tin. Wylie Creek, Stanthorpe.
Melb. Cent. Ex.
12. Wash-dirt, rich in Tin Ore. Glen Aplin, Stanthorpe.
Melb. Cent. Ex.
13. Lode Tin. Lode Creek, Herding Yard Creek, and Ruby Creek, near Stanthorpe (in New South Wales).
Melb. Cent. Ex.
14. Wash-dirt. Sim's Claim, Spring Creek, Stanthorpe.
Melb. Cent. Ex.
15. Mispickel, Blende, and Pyrite. Ballandean, Stanthorpe.
Melb. Cent. Ex.
16. Tin Ore in Micaceous Rock. Kettle Swamp Creek, Stanthorpe. Two specimens.
Melb. Cent. Ex.
17. Manganese Oxide. Brookfield, Moreton District.
Melb. Cent. Ex.

CASE 16.

OLD, SILVER, LEAD, TIN, ZINC, ANTIMONY, AND MANGANESE ORES, &C.

18. Quartz showing Gold (surface to 60-feet level). Gladstone Reef, Thane's Creek, Warwick District.
Melb. Cent. Ex.
19. Manganese Oxide. Canal Creek, Warwick District.
Melb. Cent. Ex.
20. Manganese Oxide (reef from surface to 10 feet). Lone Star Mine, Thane's Creek.
Melb. Cent. Ex.
21. Tin Ore. Canal Creek.
Melb. Cent. Ex.
22. Silver Ore (at 4 feet), from first discovered part of reef. Jibbenbar Silver-Mining Company, Jibbenbar.
Melb. Cent. Ex.
23. Blende and Mispickel in Quartz. Jibbenbar Silver-Mining Company, Jibbenbar.
Melb. Cent. Ex.

511. Silver Ore (pyrites). Border Chief Silver-Mining Con
Jibbenbar. Melb. Cent.
512. Argentiferous Arsenical Pyrites. Jibbenbar, near Stant
Melb. Cent.
513. Silver Ore, at 12 feet. Jibbenbar, Silver-Mining Company
Stanthorpe. Melb. Cent.
514. Argentiferous Galena, Pyrites, and Zincblende. Balla
near Stanthorpe. Two specimens. Melb. Cent
515. Silver Ore (Lead and Iron Oxides). Mount Fox, Riv
near Stanthorpe (in New South Wales). Melb. Cent
516. Argentiferous Galena. Rivertree Silver Company.
Melb. Cent
517. Argentiferous Carbonate of Lead, Rivertree P.C.
Melb. Cent
518. Argentiferous Galena and Pyrites, Jibbenbar, near Star
Melb. Cent
519. Argentiferous Lead Ore (Galena and Anglesite, coat
Lead Oxide), Silvery Wave, Stanthorpe. Melb. Cen
520. Stibnite (Sulphide of Antimony), Rivertree Silver Comp
Melb. Cen
521. Silver Ore (Mispickel, with a little Galena). Ball
Stanthorpe. Melb. Cen
522. (G.S.Q. 84.) Crioceras. Central District, Queensland
Exhibited by Walter Reid at
523. Graphite. New Borrowdale Graphite Mine, near St
(in New South Wales). Two specimens. Melb. Cen
524. Stibnite, from Rivertree Silver Company's Mine.
Melb. Cen
525. Blende in Quartz, from Jibbenbar Gold-Mining Compa
thorpe. *Exhibited by The Cor*
526. (G.S.Q. 493A.) Auriferous Quartz. Great North
Lease, Coen. 635 tons of stone crushed since Mar
gave 2,080 oz. gold. Value of gold, £2 5s. per oz.
Exhibited by the Coen Progress Assoc
527. (G.S.Q. 493B.) Auriferous Quartz, Victoria Mine, Co
tons stone crushed since June, 1896, gave 179
Value of gold, £2 5s. per oz.
Exhibited by the Coen Progress Asso

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1. *Phragmites* (common)

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551. Argentiferous Galena (containing 9) oz. silver per ton).
Koh-i-noor Mine, Coolgara. Melb. Cent. Ex.
552. Argentiferous Galena, at 10 feet. Estimated 90 oz. silver per ton). North Queensland S.M. Co., Montalbion. Melb. Cent. Ex.
553. Galena and Anglesite (containing 60 oz. silver per ton). Silver Hill Mine, Montalbion. Three specimens. Melb. Cent. Ex.
554. Argentiferous Galena (containing 113 oz. silver per ton). Koh-i-noor Mine, Coolgara. Melb. Cent. Ex.
555. Limestone Flux, used at Montalbion Silver Smelting Works. Melb. Cent. Ex.
556. Argentiferous Galena. Estimated 46 oz. silver per ton. No. 1 Star Mine, Montalbion. Nine specimens. Melb. Cent. Ex.
557. Gossan Ore. Estimated 143 oz. silver per ton. Albion Silver Mine. Melb. Cent. Ex.
558. Galena and Anglesite (containing 100 oz. silver per ton). Agnostic Cutting, Montalbion. Eight specimens. Melb. Cent. Ex.
559. Argentiferous Gossan Ore. Blue Bell Mine, Montalbion. Melb. Cent. Ex.
560. Galena, containing 408 oz. silver per ton. Lady Jane Silver Mine, Montalbion. Melb. Cent. Ex.

CASE 18.

SILVER, LEAD, AND COPPER ORES, &c.

561. Argentiferous Galena and Anglesite. Lady Jane Mine, Montalbion. Twenty-one specimens. Melb. Cent. Ex.
562. Argentiferous Copper and Lead Ore, at 100 feet. Schlumacher's Mine, Newellton. Seven specimens. Melb. Cent. Ex.
570. Copper Ore. Chillagoe. Seven specimens. Melb. Cent. Ex.
571. (G.S.Q. 500.) Septarian nodule of limestone found in a gully near Anakie. (Supposed internal cast of a land turtle.)
Exhibited by W. R. O. Hill.

CASE 19.

SILVER, LEAD, AND COPPER ORES; BISMUTH, &c.

575. Talc (impure), used in manufacture of Fire-brick. O'Loan and Party's Lease, Mount Garnet. Melb. Cent. Ex.

576. Carbonate of Copper. O'Loan and Party's Lease, Mount Garnet.
Melb. Cent. Ex.
577. Carbonate of Copper (at surface). O'Loan and Party's Lease, Mount Garnet. Two specimens.
Melb. Cent. Ex.
579. Copper Outcrop. Near J. Green's Tin Claim, Eureka Creek.
Melb. Cent. Ex.
580. Copper from an outcrop, near J. Green's Tin Claim, Eureka Creek.
Melb. Cent. Ex.
582. Carbonate of Copper (at surface). Irvinebank.
Melb. Cent. Ex.
590. (G.S.Q. 237.) Bismuth. Twelve bars
Exhibited by John Moffatt and Co.
593. (G.S.Q. 254.) Iron Oxide, containing Silver. Seven specimens.
Selby Mine, Chillagoe.
Exhibited by John Moffatt.
594. (G.S.Q. 284.) Tin-stone Crystals. Easter Monday, Watsonville.
Exhibited by John Moffatt.
600. (G.S.Q. 251.) Silver-Lead Ore (80-oz. stone). Thirteen specimens. Better Luck Mine, Lappa Lappa.
Exhibited by Cameron and Party.

CASE 20.

SILVER, LEAD, AND COPPER ORES.

601. (G.S.Q. 251.) Silver-Lead Ore (80-oz. stone). Better Luck Mine, Lappa Lappa. Forty-two specimens.
Exhibited by Cameron and Party.
605. (G.S.Q. 251.) Copper Ore, from Dorothy Claim, Chillagoe. Five specimens.
Exhibited by John Moffatt.
606. (G.S.Q. 265.) Argentiferous Copper Ore. McIlwraith Shaft, Redcap, Chillagoe. Three specimens.
Exhibited by John Moffatt.
607. (G.S.Q. 265.) Silver Ore. Hensey Mine, East Chillagoe. Two specimens.
Exhibited by John Moffatt.
608. (G.S.Q. 265.) Copper Ore. The Griffith Mine, Chillagoe. Three specimens.
Exhibited by John Moffatt.
609. (G.S.Q. 278.) Copper Specimens, from Deep Winze, Roseberry Mine, Chillagoe. Five specimens.
Exhibited by John Moffatt.
610. (G.S.Q. 269.) Copper Ore, from Christmas Shaft, Chillagoe. Twenty-four specimens.
Exhibited by John Moffatt.

CASE 21.**COPPER ORES.**

611. (G.S.Q. 252.) Copper Ore, Calumet Shaft, Chillagoe. Twenty five specimens.

Exhibited by John Moffatt.

612. (G.S.Q. 278.) Collection of Copper Ores from Roseberry Mine, Chillagoe. (a) Native Copper; (b) Copper Oxide; (c) Copper Carbonate.

Exhibited by John Moffatt.

CASE 22.

613. (G.S.Q. 254.) Collection of Copper Ores with Native Silver, from Nelly Mine, Chillagoe.

Exhibited by John Moffatt.

614. (G.S.Q. 487.) Manganese Ore.

Exhibited by Ipswich Manganese Company.

615. (G.S.Q. 284.) Rough Topazes, from "Topaz," Coolgara, Herberton District.

Exhibited by James O'Hara.

618. (G.S.Q. 416-418.) Collection of Minerals and Fossils.

Exhibited by W. Christoe.

CASE 23.

620. (G.S.Q. 236.) Auriferous Stone, from Champion Mine, Mount Morgan (8 oz. per ton). Seven specimens.

Exhibited by The Company.

622. (G.S.Q. 311.) Collection of Minerals and Ores.

Exhibited by William Fryar, Inspector of Mines.

CASE 24.

GOLD, SILVER, LEAD, BISMUTH, ANTIMONY, COPPER, MANGANESE, COBALT, AND QUICKSILVER ORES.

623. Galena (containing 65 per cent. lead, 259 oz. 3 dwt. 8 gr. silver per ton). Sandy Creek, three miles west of Ravenswood.

Melb. Cent. Ex.

624. Galena (containing 259 oz. of silver, 65 per cent. of lead), from Ravenswood Silver-Mining Company, Ravenswood.

Melb. Cent. Ex.

625. Argentiferous Galena (containing lead 73.5 per cent., silver 81½ oz. per ton). Comstock Silver Mine, Ravenswood. Two specimens.

Melb. Cent. Ex.

626. Argentiferous Galena (containing lead 14½ per cent., silver 66½ oz. per ton). Comstock Silver Mine, Ravenswood.

Melb. Cent. Ex.

627. Argentiferous Lead Ochre (containing 14½ per cent. lead, 19 oz. 12 dwt. silver, and 1 oz. 13 dwt. gold per ton). Comstock Silver Mine, Ravenswood.

Melb. Cent. Ex.

9. Mundic Ore, with Galena (yielding 6 oz. gold per ton). **Fanny Fern Mine, Bowen District.**
Melb. Cent. Ex.
0. (G.S.Q. 73B.) Telluride and Sulphide of Bismuth, with Gold.
Mount Shamrock.
Exhibited by James Higgins.
1. (G.S.Q. 73C.) Telluride and Sulphide of Bismuth, from Mount Shamrock.
Exhibited by James Higgins.
2. (G.S.Q. 73D.) Native Bismuth, with Bismuth Telluride and Sulphide, from Mount Shamrock.
Exhibited by James Higgins.
3. Auriferous Quartz, from Reef No. 3, Lady Florence Gold-Mining Company, Chowey Creek.
Melb. Cent. Ex.
4. (G.S.Q. 73.) Native Bismuth, from Mount Shamrock.
Exhibited by James Higgins.
5. Galena and Pyrites, from lode at 25-feet level, Allendale Silver Mine, Chowey Creek. Three specimens.
Melb. Cent. Ex.
6. Gossan Ore, from Shaft No. 2, 15 feet from surface. Mount Webster Gold-Mining Company, Mount Drain. Three specimens.
Melb. Cent. Ex.
7. Oxide Ore, from surface to 25-feet level. Allendale Mine, Chowey Creek. Two specimens.
Melb. Cent. Ex.
8. Argentiferous Galena and Pyrites, from 25 feet. Allendale Silver Mine, Chowey Creek, Mount Shamrock.
Melb. Cent. Ex.
9. Bismuth Ore, 40-60 feet. Mount Shamrock Gold-Mining Company, Chowey Creek.
Melb. Cent. Ex.
0. Auriferous Ore, showing the character of lode down to 40-feet level. Mount Shamrock Gold-Mining Company.
Melb. Cent. Ex.
1. Molybdenite in Quartz (showing gold), from Reef No. 2, Lady Florence Mine, Chowey Creek.
Melb. Cent. Ex.
2. Quartz, with Molybdenite. No. 1 Reef, Lady Florence Mine, Chowey Creek. Two specimens.
Melb. Cent. Ex.
3. Quartz showing Gold. Mount Rose United P.C., Eidsvold.
Melb. Cent. Ex.
4. Stibnite (Antimony Sulphide), 20-feet level, No. 1 South Craven Mine, Eidsvold.
Melb. Cent. Ex.

- 645.** Pyrolusite (Manganese Oxide). Dryfesdale (on the land of Mr. Armstrong, 7 miles west of Gympie), Glastonbury. Four specimens.
Melb. Cent. Ex.
- 646.** Sample of Ore from Lode at 90 feet. Kilkivan Gold and Mineral Company, Black Snake.
Melb. Cent. Ex.
- 647.** Cobalt Ore (Wad, var. Asbolite), in matrix, from 60-feet level; lode about 30 feet wide. Black Snake.
Melb. Cent. Ex.
- 648.** Chalcopyrite and Pyrites (Sulphide of Copper and Iron). Lode at 150 feet, No. 2 Shaft, Kaboonga, Kilkivan.
Melb. Cent. Ex.
- 649.** Stone from near surface, rich in Gold. Kaboonga, Kilkivan.
Melb. Cent. Ex.
- 650.** Chalcopyrite and Pyrites (Sulphide of Copper and Iron). Lode at 100 feet, No. 3 Shaft, Kaboonga.
Melb. Cent. Ex.
- 651.** Sulphide of Bismuth (at 150 feet, No. 2 shaft). Kaboonga, Kilkivan.
Melb. Cent. Ex.
- 652.** Surface Stone (Copper Carbonate and Cuprite). Kaboonga, Kilkivan.
Melb. Cent. Ex.
- 653.** Cobalt Ore. Kilkivan Gold-Mining Company, Black Snake.
Melb. Cent. Ex.
- 654.** Cuprite and Carbonate of Copper (lode at 20-feet level). Kaboonga, Kilkivan.
Melb. Cent. Ex.
- 655.** Bismuth Ore (at 200-feet level). Kaboonga, Kilkivan.
Melb. Cent. Ex.
- 656.** Sample of Lode, carrying Gold, Silver, and Copper. Kilkivan Gold and Mineral Company, Black Snake.
Melb. Cent. Ex.
- 657.** Cinnabar. Queensland Quicksilver Company, Kilkivan.
Melb. Cent. Ex.
- 658.** Carbonate and Sulphide of Copper. Kaboonga, Kilkivan.
Melb. Cent. Ex.
- 659.** Sample of Ore from Lode at 40 feet, carrying Gold, Silver, and Copper. Kilkivan Gold-Mining Company, Black Snake.
Melb. Cent. Ex.
- 660.** (G.S.Q. 498.) Sulphide and Telluride of Bismuth (Auriferous). Mount Shamrock Mine.
Exhibited by Queensland Smelting Company, Aldershot.

CASE 25.

GOLD, SILVER, AND BISMUTH ORES, &C.

32. (G.S.Q. 470.) Collection of Pebbles from Mambare River, New Guinea.
33. (G.S.Q. 466.) Cubical Iron Pyrites, from Mount Success Gold Mine, 4 miles from Fanning Station.
Exhibited by G. Jackson, M.L.A.
35. Quartz, with Gold. Golden Point or May Bell, Twelve-Mile, Croydon.
Melb. Cent. Ex.
56. Gold-bearing Quartz (200-feet level). Comet Mine, Maytown.
Melb. Cent. Ex.
67. Quartz, with Gold. Australian Beauty P.C., Golden Valley, Croydon.
Melb. Cent. Ex.
68. Quartz, showing Gold freely. Golden Spur Mine, Twelve-Mile, Croydon.
Melb. Cent. Ex.
69. Gold and Silver Ore. Black Snake P.C., Croydon.
Melb. Cent. Ex.
70. Quartz, with Bismuth Ochre, showing free gold, from Tunnel Reef, 40 feet on underlay. Maid of Erin Mine, Eidsvold.
Melb. Cent. Ex.
71. Quartz, showing Gold. Anglo-Saxon P.C., Limestone Field.
Melb. Cent. Ex.
72. Quartz, showing Gold. Rosannah Mine, Limestone Field.
Melb. Cent. Ex.
73. Quartz, showing Gold. Blackbird Mine, Maytown.
Melb. Cent. Ex.
74. Quartz, showing Gold. Monkland Mine, Golden Valley, Croydon.
Melb. Cent. Ex.
75. Quartz, showing Gold. Rosannah Mine, Limestone Field.
Melb. Cent. Ex.
76. Auriferous Quartz. Croydon Queen, Nos. 12 and 13 South, Croydon.
Melb. Cent. Ex.
77. Quartz, showing Gold. Anglo-Saxon P.C., Limestone Field.
Melb. Cent. Ex.
78. Quartz, showing Gold. Rosannah Mine, Limestone Field.
Melb. Cent. Ex.
79. Quartz, showing Gold (60-feet level). Grace Leigh Mine, Croydon.
Melb. Cent. Ex.

680. Quartz, showing Gold (16-feet level, water-shaft). Anglo-Saxon P.C., Limestone Field. Melb. Cent. Ex.
681. Gold-bearing Quartz. Vasco da Gama, No. 1 South, Golden Valley, Croydon. Melb. Cent. Ex.
682. Quartz, showing Gold. Rosannah Mine, Limestone Field. Melb. Cent. Ex.
683. Quartz, showing Gold. North Cross Mine, Limestone Field. Melb. Cent. Ex.
684. Quartz, showing Gold. Vasco da Gama, Golden Valley, Croydon. Melb. Cent. Ex.
685. Quartz, showing Gold. Monkland Mine, Golden Valley, Croydon. Melb. Cent. Ex.
686. Quartz (honeycombed), with Gold. German Miner Mine, Limestone Field. Melb. Cent. Ex.
687. Quartz, showing Gold. North Cross Mine, Limestone Field. Melb. Cent. Ex.
688. Quartz, showing Gold. Rosannah Mine, Limestone Field. Melb. Cent. Ex.
689. Quartz, showing Gold. Ida Mine, Maytown. Melb. Cent. Ex.
690. Quartz, showing Gold. North Cross Mine, Limestone Field. Melb. Cent. Ex.
691. Galena. Soap-Spar Gold Mine, Woolgar. Melb. Cent. Ex.
692. Quartz, showing Gold. Ida Mine, Maytown. Melb. Cent. Ex.
693. Quartz, showing Gold. Ida Mine, Maytown. Melb. Cent. Ex.
694. Quartz, showing Gold. North Cross Mine, Limestone Field. Melb. Cent. Ex.
695. Quartz, showing Gold. North Cross Mine, Limestone Field. Melb. Cent. Ex.
696. Quartz, showing Gold. Australian Beauty, No. 1 North, Golden Valley, Croydon. Melb. Cent. Ex.
697. Quartz, showing Gold. Ida Mine, Maytown. Melb. Cent. Ex.
698. Quartz, showing Gold, from 100-feet level. Anglo-Saxon P.C., Limestone Field. Melb. Cent. Ex.
699. Gold-bearing Quartz, 200-feet level. Comet Mine, Maytown. Melb. Cent. Ex.

- '00. Quartz, showing Gold. North Cross Mine, Limestone Field.
Melb. Cent. Ex.
- '01. Quartz, showing Gold. Soap-Spar Gold Mine, Woolgar.
Melb. Cent. Ex.
- '02. Quartz, showing Gold. Anglo-Saxon P.C., Limestone Field.
Melb. Cent. Ex.
- '03. Quartz, showing Gold. Rosannah Mine, Limestone Field.
Melb. Cent. Ex.
- '04. Quartz, showing Gold. Queen of Beauty Mine, Maytown.
Melb. Cent. Ex.
- '05. Quartz, showing Gold. Soap-Spar Gold Mine, Woolgar.
Melb. Cent. Ex.
- '06. Galena in Quartz, showing Gold. Soap-Spar Gold Mine,
Woolgar.
Melb. Cent. Ex.
- '07. Quartz, showing Gold. Anglo-Saxon P.C., Limestone Field.
Melb. Cent. Ex.

CASE 26.**TIN AND COPPER ORES, &C.**

- '20. Tin Ore, from large surface block (48 per cent. black tin).
Eureka Creek.
Melb. Cent. Ex.
- '21. Tin Ore, from 80-feet level (42 per cent. black tin). Black
Rock Extended, Eureka Creek.
Melb. Cent. Ex.
- '22. Tin Ore (60 per cent. tin). Eureka Creek.
Melb. Cent. Ex.
- '23. Tin Ore and Carbonate of Copper. Eureka Creek.
Melb. Cent. Ex.
- '24. Tin Ore (66 per cent. black tin). Eureka Creek.
Melb. Cent. Ex.
- '25. Surface Specimen (60 per cent. metallic tin). Eureka Creek.
Melb. Cent. Ex.
- '26. Waterworn Tin-stone (20 per cent. black tin). Eureka Creek.
Melb. Cent. Ex.
- '27. Tin Ore (Chlorite) (20 per cent. black tin). Black Rock
Extended Mine, Eureka Creek.
Melb. Cent. Ex.
- '28. Tin in Chloritic Rock (10 per cent. black tin). Vulcan Mine,
Eureka Creek.
Melb. Cent. Ex.
- '29. Tin Ore. Eureka Creek.
Melb. Cent. Ex.
- '30. Tin Ore (65 per cent. black tin). Eureka Creek.
Melb. Cent. Ex.

- 730A. Carbonate of Copper and Tin Ore. Eureka Creek.
Melb. Cent. Ex.
731. Tin Ore in Chlorite. Black Rock Mine, Eureka Creek.
Melb. Cent. Ex.
735. Tin Ore (68 per cent. metallic tin). Watsonville.
Melb. Cent. Ex.
736. Tin Ore, from 180-feet level (70 per cent. black tin).
Caledonian Mine, Watsonville.
Melb. Cent. Ex.
737. Tin Ore and Carbonate of Copper. Chance Extended Mine,
Watsonville.
Melb. Cent. Ex.
738. Tin Ore in Chlorite (20 per cent. black tin). Watsonville.
Melb. Cent. Ex.
739. Tin Ore (50 per cent. metallic tin). Glen Cairn Mine, Watson-
ville.
Melb. Cent. Ex.
740. Tin and Iron (20 per cent. black tin). Watsonville.
Melb. Cent. Ex.
741. Tin and Copper (17 per cent. copper, 20 per cent. black tin).
Watsonville.
Melb. Cent. Ex.
- 741A. Tin Ore (50 per cent. black "dressed" tin). Glen Cairn
Mine, Watsonville.
Melb. Cent. Ex.
742. Tin Ore (waterworn specimen). Watsonville.
Melb. Cent. Ex.
743. Tin Ore. Bismarck Mine, Watsonville.
Melb. Cent. Ex.
744. Tin Ore in Quartz (32 per cent. black tin). Specimen Mine,
Glen Linedale, Watsonville.
Melb. Cent. Ex.
745. Tin Ore. Watsonville.
Melb. Cent. Ex.
746. Tin Ore (56 per cent. metallic tin). Watsonville (Hammond
and Denney).
Melb. Cent. Ex.
747. Tin Ore. Watsonville.
Melb. Cent. Ex.
748. Tin Ore (16 per cent. black tin). Federation Mine, Watson-
ville.
Melb. Cent. Ex.
749. Tin Ore. Watsonville.
Melb. Cent. Ex.
750. Tin Ore. Bismarck Mine, Watsonville (Hammond and Denney).
Melb. Cent. Ex.

751. Tin Ore. Watsonville. Melb. Cent. Ex.
752. Tin Ore. Watsonville. Melb. Cent. Ex.
753. Fluorspar. Stenhouse's Claim, Newellton. Melb. Cent. Ex.
754. Tin Ore, found in Wild River, near Herberton. Melb. Cent. Ex.
755. Tin Ore Crystals, in Micaceous Rock. Walsh River, Herberton. Melb. Cent. Ex.
756. Tin Ore. Oberlin, Glen Linedale, Herberton. Melb. Cent. Ex.
757. Tin Ore (20 per cent. black "dressed" tin). Thompson's Creek, Herberton. Melb. Cent. Ex.
758. Surface Specimen (30 per cent. black tin). Glen Linedale. Melb. Cent. Ex.
759. Tin Ore (20 per cent. black tin). Glen Linedale. Melb. Cent. Ex.
760. Tin Ore, with Quartz (25 per cent. black tin). Glen Linedale. Melb. Cent. Ex.
- 760A. Tin Ore, in Quartz (50 per cent. black tin). Glen Linedale. Melb. Cent. Ex.
761. Tin Ore. General Gordon Mine, Glen Linedale. Melb. Cent. Ex.
762. Tin Ore. Hammond and Denney, Great Western Mine. Melb. Cent. Ex.
763. Tin Ore, at 90 feet. Magdala Mine, Coolgara. Melb. Cent. Ex.
764. Tin Ore, with Fluorite and Felspar. Return Creek. Melb. Cent. Ex.
765. Tin Ore. Great Southern Mine, Irvinebank. Melb. Cent. Ex.
- 765A. Tin Ore, in bedding-planes of a sedimentary rock. Irvinebank. Melb. Cent. Ex.
- 765B. Tin Ore. Comet Mine, Irvinebank. Melb. Cent. Ex.
766. Tin Ore. Red King Mine, Irvinebank. Melb. Cent. Ex.
767. Auriferous Pyrites and Zincblende (from reef 3 to 4 feet wide, containing about 20 oz. silver and 1 oz. gold per ton). Griffith P.C. Gold and Silver Mine, Gladstone. Melb. Cent. Ex.
768. Tin Ore (20 per cent. black tin). Maud and Mary Mine, Walsh River. Melb. Cent. Ex.

- 768A. Tin Ore, in Chloritic Rock (18 per cent. black tin). Maud and Mary Mine, Walsh River. Melb. Cent. Ex.
769. Tin Ore, in Chlorite. Gladstone Mine, California Gully. Melb. Cent. Ex.
770. Tin Ore. Gladstone Mine, California Gully. Melb. Cent. Ex.
771. Tin Ore (62 per cent. metallic tin). Gladstone Mine, California Creek. Melb. Cent. Ex.
772. Tin Ore and Garnets. Bakerville. Melb. Cent. Ex.
773. Tin Ore, in Chlorite. Cummins's Camp. Melb. Cent. Ex.

CASE 27.

TIN ORES, &C.

- 773A. Tin Ore. Bismarck Mine, Watsonville. Melb. Cent. Ex.
774. Tin Ore. Watsonville. Melb. Cent. Ex.
775. Tin Ore. Watsonville. Melb. Cent. Ex.
776. Tin Ore, at 25 feet. Try-no-more Mine, Watsonville. Melb. Cent. Ex.
777. Tin Ore. Watsonville. Melb. Cent. Ex.
- 777A. Tin in Quartz (54 per cent.) Irish Girl Mine, Herberton. Melb. Cent. Ex.
778. Tin Ore (60 per cent. metallic tin). Watsonville. Melb. Cent. Ex.
779. Tin Ore. Watsonville. Melb. Cent. Ex.
780. Tin Ore. Watsonville. Melb. Cent. Ex.
781. Tin Ore (Oxide and Sulphide). Lass o' Gowrie Mine, Watsonville. Melb. Cent. Ex.
782. Tin Ore, in Micaceous Rock. Hammond and Denney, near Watsonville. Melb. Cent. Ex.
783. Specimen Tin Ore. Watsonville. Melb. Cent. Ex.
784. Tin Ore, at 90 feet. Bismarck Mine (Petersen and Wright), Watsonville. Melb. Cent. Ex.
785. Tin Ore, at 100 feet. Great Western Mine, Watsonville. Melb. Cent. Ex.

786. Tin Ore, at 100 feet. Great Western Mine, Watsonville.
Melb. Cent. Ex.
787. Tin Ore, at 60 feet. Chance Mine (W. Lewis), Watsonville.
Melb. Cent. Ex.
788. Tin Ore. Eureka Creek.
Melb. Cent. Ex.
789. Tin Ore. Hammond and Denney, Eureka Creek.
Melb. Cent. Ex.
790. Tin Ore. Caledonian Mine, Eureka Creek.
Melb. Cent. Ex.
791. Tin Ore (Oxide and Sulphide), at 60 feet. Lass o' Gowrie Mine,
Eureka Creek.
Melb. Cent. Ex.
792. Wolfram, on surface. Eureka Creek.
Melb. Cent. Ex.
793. Tin Ore (Chlorite), at 120 feet. Gully Lode, Great Northern
Mine, Herberton.
Melb. Cent. Ex.
794. Tin Ore. Wild Irish Girl, Herberton.
Melb. Cent. Ex.
795. Tin Ore, at 40 feet. Lovely Nancy Lease, Herberton.
Melb. Cent. Ex.
796. Samples showing Wolfram associated with Tin and Quartz at
216 feet. Great Northern Tin-Mining Company, Herberton.
Two specimens.
Melb. Cent. Ex.
797. Tin Ore, at 100 feet. St. Patrick's Mine (Dan Lavery),
Herberton. Two specimens.
Melb. Cent. Ex.
798. Tin Ore, at 20 feet. Republic Mine (W. C. Ranson), Her-
berton.
Melb. Cent. Ex.
799. Tin Ore, at 100 feet. Ly-ee-Moon Mine (James Clark),
Herberton.
Melb. Cent. Ex.
800. Tin Ore, at 50 feet. Alexandra Mine, Emu Creek, Herberton
District.
Melb. Cent. Ex.
801. Tin Ore, at 50 feet. City of Bagdad Mine, Emu Creek,
Herberton District.
Melb. Cent. Ex.
802. Tin Ore, at 62 feet. Bradlaugh Mine, Herberton.
Melb. Cent. Ex.
803. Carbonate of Copper, at 10 feet. Clan Ronald Mine, Her-
berton.
Melb. Cent. Ex.

804. Tin Ore, at 80 feet. St. Patrick's Mine (Dan Lavery), Herberton.
Melb. Cent. Ex.
805. Tin Ore. Silver Crown Mine, Herberton District.
Melb. Cent. Ex.
806. Tin Ore, with Fluorspar. Thompson's Creek.
Melb. Cent. Ex.
807. Tin Ore, with Fluorspar. Thompson's Creek.
Melb. Cent. Ex.
808. Fine Tin Ore, in Micaceous Rock. Irvinebank.
Melb. Cent. Ex.
809. Tin Ore, Irvinebank.
Melb. Cent. Ex.
810. Surface Stone, in soil under outcrop of east lode, contains about 20 per cent. of black tin (Tin Oxide). Great Northern Tin-Mining Company, Herberton.
Melb. Cent. Ex.
811. Tin Ore, at Surface. Gladstone No. 1 Mine, California Creek.
Melb. Cent. Ex.
812. Tin Ore (Chlorite), at 40 feet. Gladstone No. 1 Mine, California Creek.
Melb. Cent. Ex.
813. Tin Ore, at 100 feet. Great Western Tin-Mining Company.
Melb. Cent. Ex.
814. Sample of Ore, from lode at 90 feet. Kilkivan Gold and Mineral Company, Black Snake.
Melb. Cent. Ex.
815. Tin Ore, at bottom of shaft. Phoenix Mine, Deep Lead.
Melb. Cent. Ex.
816. Tin Ore (Chlorite), at 10 feet. Stenhouse's Mine, Newellton.
Melb. Cent. Ex.
817. Tin Ore (Chlorite), at 90 feet. Alhambra Mine, Coolgara.
Melb. Cent. Ex.
818. Tin Ore, at 20 feet. Minerva Mine, Coolgara.
Melb. Cent. Ex.
819. Tin Ore (Chlorite), at 80 feet. Alhambra Mine, Coolgara.
Melb. Cent. Ex.
820. Tin Ore, at 100 feet. Victoria Mine, Coolgara.
Melb. Cent. Ex.
821. Tin Ore, at 15 feet. Austral Mine, Coolgara.
Melb. Cent. Ex.
822. Tin Ore, at 90 feet. Magdala Mine, Coolgara. Two specimens.
Melb. Cent. Ex.

823. Tin Ore, at 73 feet. Extended Mine, Coolgara.
Melb. Cent. Ex.
824. Tin Ore, at Surface. Austral Mine, Coolgara.
Melb. Cent. Ex.
825. Tin Ore, at Surface. Austral Mine, Coolgara.
Melb. Cent. Ex.
826. Surface Specimen. Butcher's Creek, Coolgara.
Melb. Cent. Ex.
827. Tin Ore, at 12 feet. Austral Mine, Coolgara.
Melb. Cent. Ex.
828. Tin Crystals, at Surface. Lovely Ethel Mine, Coolgara.
Melb. Cent. Ex.
829. Tin Ore, at 90 feet. John Bull Mine (J. Moxam), Coolgara.
Melb. Cent. Ex.
830. Tin Ore, at 20 feet. Spranklin's, Coolgara.
Melb. Cent. Ex.
832. Galena and Pyrites, from lode at 25-feet level. Allendale Silver
Mine, Chowey Creek.
Melb. Cent. Ex.
833. Tin Ore, at 90 feet. Magdala Mine, Coolgara.
Melb. Cent. Ex.

CASE 28.**TIN ORES.**

834. Tin Ore (Chlorite), at 30 feet. Eclipse Mine, Eureka Creek.
Melb. Cent. Ex.
835. Tin Ore, at 20 feet. Parnell Mine, Herberton.
Melb. Cent. Ex.
836. Tin Ore, at 120 feet. Caledonia, Watsonville.
Melb. Cent. Ex.
837. Tin Ore, at 120 feet. Rose of England, Watsonville.
Melb. Cent. Ex.
838. Tin Ore, at 50 feet. Boundary Claim, Watsonville.
Melb. Cent. Ex.
839. Tin Ore, at 150 feet. Glen Cairn, Watsonville.
Melb. Cent. Ex.
840. Tin Ore, at 80 feet. Guldunda, Watsonville. Two specimens.
Melb. Cent. Ex.
841. Tin Ore, at 45 feet. Boundary Claim Watsonville.
Melb. Cent. Ex.
842. Tin Ore, at 150 feet. Glen Cairn, Watsonville. Two specimens.
Melb. Cent. Ex.
843. Tin Ore, at 100 feet. Caledonia, Watsonville.
Melb. Cent. Ex.

844. Tin Ore, at 80 feet. Bismarck Mine (Petersen and Wright),
Watsonville. Two specimens.
Melb. Cent. Ex.
845. Tin Ore, with Galena and Pyrites, at 60 feet. Great Wheel
Busy Mine, Watsonville.
Melb. Cent. Ex.
846. Tin Ore (various samples at 50 feet). North Australian Mine,
Watsonville. Fifty specimens.
Melb. Cent. Ex.
847. Tin Ore, at 200 feet. Three Star Mine, Herberton.
Melb. Cent. Ex.
848. Tin Ore, at 20 feet. St. Patrick's Mine, Herberton.
Melb. Cent. Ex.
- 848A. (G.S.Q. 284.) "Pudding-Stone." California Creek, Her-
berton.
Exhibited by J. Moffatt.

CASE 29.

TIN AND COPPER ORES, WOLFRAM, &C.

849. Tin Ore, at 100 feet. Bradlaugh Mine, Herberton. Two speci-
mens.
Melb. Cent. Ex.
850. Tin Ore, at 80 feet. Silver King Mine, Herberton.
Melb. Cent. Ex.
851. Tin Ore, at 20 feet. Parnell Mine, Herberton.
Melb. Cent. Ex.
852. Tin Ore. Ironclad Mine, Herberton.
Melb. Cent. Ex.
853. Tin Ore, at Surface. Maori Chief, Herberton.
Melb. Cent. Ex.
854. Tin Ore (Chlorite), at 10 feet. Stenhouse's Mine, Herberton
District.
Melb. Cent. Ex.
855. Tin Ore, at 80 feet. Scotchman, Herberton.
Melb. Cent. Ex.
856. Tin Ore, at 60 feet. Big Ben Mine, Herberton. Two speci-
mens.
Melb. Cent. Ex.
857. Tin Ore, at 200 feet. Three Star Mine, Herberton.
Melb. Cent. Ex.
858. Tin Ore, at 40 feet. St. Patrick's Mine, Herberton.
Melb. Cent. Ex.
859. Fluorite. Herberton District. Two specimens.
Melb. Cent. Ex.
860. Tin Ore, at 20 feet. St. Patrick's Mine, Herberton.
Melb. Cent. Ex.

861. Tin Ore, at 290 feet. Monarch Tin-Mining Company, Herberton.
Melb. Cent. Ex.
862. Tin Ore, from Surface (one of the specimens which led to the discovery of lode tin). Great Northern Gully, Herberton.
Melb. Cent. Ex.
863. Tin Ore and Wolfram, at 80 feet. Perseverance Mine, Herberton.
Melb. Cent. Ex.
864. Tin Ore (Chlorite), faced with Bismuth Sulphide, at 30 feet. Great Southern Mine, Irvinebank.
Melb. Cent. Ex.
865. Tin Ore (Chlorite), at 20 feet. Beaconsfield Mine, Coolgara.
Melb. Cent. Ex.
866. Tin Ore (Chlorite), at 20 feet. Beaconsfield Mine, Coolgara.
Melb. Cent. Ex.
867. Tin Ore, at 20 feet. Valentine, Coolgara. Two specimens.
Melb. Cent. Ex.
868. Tin Ore (Chlorite), at 20 feet. Beaconsfield Mine, Coolgara.
Melb. Cent. Ex.
869. Tin Ore, at 70 feet. Magdala, Coolgara. Two specimens.
Melb. Cent. Ex.
870. Tin Ore, at 20 feet. Rose of Denmark, Coolgara.
Melb. Cent. Ex.
871. Tin Ore, at 60 feet. John Bull Mine (J. Moxam), Coolgara.
Melb. Cent. Ex.
872. Tin Ore (Chlorite), 20-feet level. Beaconsfield Mine, Coolgara.
Melb. Cent. Ex.
873. Tin Ore, at 20 feet. Chance Mine, Watsonville.
Melb. Cent. Ex.
874. Tin Ore, at 50 feet. Dead Secret Mine, Watsonville.
Melb. Cent. Ex.
875. Tin Ore, at 20 feet. Crucible Mine, Watsonville.
Melb. Cent. Ex.
876. Tin Ore, at 80 feet. Lass o' Gowrie Mine, Watsonville. Two specimens.
Melb. Cent. Ex.
877. Tin Ore, on Surface. Centennial Mine, Eureka Creek.
Melb. Cent. Ex.
878. Tin and Copper Ore, at 80 feet. Clan Ronald Mine, Eureka Creek.
Melb. Cent. Ex.
879. Tin Ore, on Surface. Centennial Mine, Eureka Creek.
Melb. Cent. Ex.

880. Tin Ore, at 20 feet. Tasmania Mine, Emu Cree'k.
Melb. Cent. Ex.
881. Tin Ore, at 20 feet. California Mine, Glen Linedale (Cody's).
Melb. Cent. Ex.
882. Tin Ore, at 5 feet. Far Downer, California Creek.
Melb. Cent. Ex.

CASE 30.

884. Antimony Sulphide, with Pyrites. Emily Antimony Mine, Northcote.
Melb. Cent. Ex.
885. Manganese Ore. Coolgara, Herberton. Two Specimens.
Melb. Cent. Ex.
886. Tin Ore. Herberton District. Three specimens.
Melb. Cent. Ex.
888. Sections of Quartz Crystals, surrounded by Cassiterite (tin-stone); from Herberton.
Exhibited by Geological Survey.
890. (G.S.Q. 507.) Alum, near Brisbane. Found within 3 feet of surface, covered with a thin crust of silicate of alumina.
Exhibited by Frederick Wallace.

TROPHIES.

ETHERIDGE DISTRICT.

- 901.* (G.S.Q. 197, 210.) Auriferous Quartz, highly mineralised. Nil Desperandum, Etheridge. Stone crushed, 7,670 tons. Yield of gold, 14,606 oz.
Exhibited by The Directors.
- 902.* (G.S.Q. 198, 216.) Auriferous Quartz. Queenslander, Etheridge. Stone crushed, 7,124 tons. Yield of gold, 11,877 oz.
Exhibited by The Directors.
- 903.* (G.S.Q. 202, 214.) Auriferous Quartz, highly mineralised, from depth of 125 feet. International (Rocky), Etheridge. Stone crushed, 2,194 tons. Yield of gold, 1,889 oz.
Exhibited by The Directors.
904. (G.S.Q. 203.) Auriferous Quartz, highly mineralised, from depth of 63 feet. Young Wexford Nos. 1 and 2 North Georgetown. Estimated to contain from $3\frac{1}{2}$ to 4 oz. gold per ton. Stone crushed, 10 tons. Yield of gold, 13 oz.
Exhibited by The Directors.
905. (G.S.Q. 215.) Auriferous Quartz, highly mineralised, from 75-feet level. Young Wexford P.C., Etheridge. Stone crushed, 99 tons. Yield of gold, 115 oz. Last crushing of 65 tons averaged 1 oz. 3 dwt. gold per ton; tailings average 2 oz. 13 dwt. gold per ton, and 1 oz. 16 dwt. silver per ton.
Exhibited by The Directors.

* The recorded returns only are given. They should have been considerably larger, but the records were destroyed by fire some years ago.

- 906.* (G.S.Q. 195.) Auriferous Quartz (from 159-foot level). St. George, Etheridge. Stone crushed, 2,423 tons. Yield of gold, 3,418 oz.

Exhibited by The Directors.

- 906A. (G.S.Q. 193.) Auriferous and Argentiferous Lead and Copper Ore (from depth of 60 feet). Lady Maria, Etheridge. Estimated to contain $3\frac{1}{2}$ to 4 oz. gold per ton. Stone crushed, 220 tons. Yield of gold, 548 oz.

Exhibited by The Directors.

- 906B. (G.S.Q. 214.) Auriferous and Argentiferous Lead Ore. Grand Junction P.C., Glenrowan, Etheridge. Stone crushed, 159 tons. Yield of gold, 149 oz.

Exhibited by The Directors.

HERBERTON DISTRICT.

895. (G.S.Q. 286.) Fire Bricks, from Irvinebank.

Exhibited by John Moffatt.

907. (G.S.Q. 266, 271, 285.) Tin Ore (from 300 feet). Great Northern P.C., Herberton.

Exhibited by Great Northern Tin-Mining Company.

908. Tin Ore, Herberton.

Melb. Cent. Ex.

909. (G.S.Q. 268, 272.) Copper Ore (30 per cent. copper). Combination, Walsh River.

Exhibited by W. Moore.

910. (G.S.Q. 245.) Stream Tin Ore (74 per cent. metal). Rose Valley, Deep Lead, Herberton.

Exhibited by Sullivan and Party.

911. (G.S.Q. 249, 260, 274, 275.) Tin Ore (24 per cent. tin). Perseverance, The Orient Camp.

Exhibited by Messrs. Struber and Party.

912. (G.S.Q. 250, 270, 264, 288.) Tin Ore (20 per cent. black tin). Lancelot, Newellton.

Exhibited by Harrod and Hammond.

913. (G.S.Q. 287.) Limestone used for Flux. Chillagoe.

Exhibited by J. Moffatt.

914. (G.S.Q. 247.) Stream Tin Ore (75 per cent. F. metal). Nettle Creek, The Hot Springs, Herberton.

Exhibited by W. Blakey.

915. (G.S.Q. 246.) Stream Tin Ore (74 per cent. f. metal). Hit-or-Miss, Deep Lead, Herberton.

Exhibited by Masterson and Party.

917. (G.S.Q. 255, 267, 273, 293.) Tin Ore (containing 50 per cent. black tin). Lass o' Gowrie, Eureka Creek.

Exhibited by J. McKenzie.

* The recorded returns only are given. They should have been considerably larger, but the records were destroyed by fire some years ago.

918. (G.S.Q. 253, 269.) Copper and Fluorspar. Dorothy, Chillagoe.
Exhibited by John Moffatt.
919. (G.S.Q. 256.) Tin Ore (50 per cent. black tin). Village
Blacksmith, Reid's Creek, Herberton.
Exhibited by Smith and Holder.
920. (G.S.Q. 280.) Copper Ore.
Exhibited by J. Moffatt.
921. (G.S.Q. 262, 290.) Copper Ore. Magazine Face, Chillagoe.
Exhibited by J. Moffatt.
922. (G.S.Q. 276.) Silver Ore. Comstock Mine, Lappa Lappa.
Exhibited by Jensen and Paskins.
923. (G.S.Q. 281.) Tin Ore. Mount Agnes, Irvinebank.
Exhibited by John Moffatt.
924. (G.S.Q. 261.) Tin Ore. T Claim, Watsonville.
Exhibited by Dempster and Party.
925. (G.S.Q. 257, 258, 283.) Tin Ore (48 per cent. black tin).
King of the Ranges, Watsonville.
Exhibited by E. Day and Sons.
926. (G.S.Q. 415.) Tin, 52 ingots (2 tons). From Irvinebank
Smelting Works. (John Moffatt and Co.)
Exhibited by Department of Mines.
927. (G.S.Q. 265.) Malachite and Red Oxide of Copper. Shaft B,
Griffith, Chillagoe.
Exhibited by John Moffatt and Co.
928. (G.S.Q. 274, 248.) Two bags Stream Tin Ore (75 per cent.
metal), Nettle Creek; and three bags Concentrated Tin Ore,
Lass o' Gowrie.
Exhibited by W. Blakey.
929. (G.S.Q. 278.) Earthy Copper Ore. Deep Winze, Roseberry,
Chillagoe.
Exhibited by J. Moffatt.
930. (G.S.Q. 291.) Silver-lead Ore. Better Luck, Lappa Lappa.
Exhibited by Messrs. Cameron and Party.
931. (G.S.Q. 239.) Galena and Copper Pyrites. Fortunato
Chillagoe.
Exhibited by John Moffatt.
932. (G.S.Q. 279.) Tin Ore. Federation, Watsonville.
Exhibited by Dempster and Party.
933. (G.S.Q. 277, 289, 292.) Tin Ore (20 per cent. black tin). Ben
Lomond (late Great Western), Watsonville.
Exhibited by Montgomery, Donaldson, and Tweedie.
934. (G.S.Q. 295.) Large Block of Tin Ore. Great Northern P.C.,
Herberton.
Exhibited by Great Northern Tin-Mining Company.

935. (G.S.Q. 263.) Argentiferous Copper Ore. Penzance, Chillagoe.
Exhibited by John Moffatt.
936. (G.S.Q. 282.) Copper Ore. Easter Monday, Watsonville.
Exhibited by John Moffatt.

STANTHORPE DISTRICT.

938. (G.S.Q. 82.) Sulphide Silver Ore. Silver Spur Mine, Texas.
Exhibited by The Directors.
939. (G.S.Q. 444.) Lode Tin, Sugarloaf, Stanthorpe.
Exhibited by Arthur V. George.
940. (G.S.Q. 80.) Gossan Silver Ore (No. 1 Shaft, at 70 feet).
Silver Spur Mine, Texas. Estimated to contain 70 oz. silver
per ton.
Exhibited by The Directors.
941. (G.S.Q. 81.) Gossan and Sulphide Silver Ore (from No. 2
Shaft). Silver Spur Mine, Texas. The gossan ore contains
28 oz. silver per ton; the sulphide ore, 23 oz. silver per ton,
and 2 per cent. copper.
Exhibited by The Directors.
945. (G.S.Q. 298.) Silver Ore, Pikedale.
Exhibited by The Directors.
946. (G.S.Q. 339.) Auriferous Quartz (from reef 2 to 6 feet
wide). Lady Caroline Mine, Leyburn Gold Field.
Exhibited by The Directors.
950. (G.S.Q. 227.) Stream Tin Ore, from Bottallac Tin Mine,
Thirteen-mile Creek, Stanthorpe.
Exhibited by The Department of Mines.
951. (G.S.Q. 228.) Stream Tin Ore, from Mount Marley, Stan-
thorpe.
Exhibited by The Department of Mines.
952. (G.S.Q. 233.) Stream Tin Ore, from Lode Creek Tin Mine,
Stanthorpe.
Exhibited by The Department of Mines.
953. (G.S.Q. 230.) Stream Tin Ore. Funker's Gap, Stanthorpe.
Exhibited by The Department of Mines.
954. (G.S.Q. 226.) Stream Tin Ore, from Brisbane Company's Tin
Mine, Stanthorpe.
Exhibited by The Department of Mines.
955. (G.S.Q. 225.) Stream Tin Ore, from Beverley Tin Mines,
Severn River, Stanthorpe.
Exhibited by The Department of Mines.
956. (G.S.Q. 229.) Stream Tin Ore, from Dalcoath Flat Tin Mine,
Stanthorpe.
Exhibited by The Department of Mines.
957. (G.S.Q. 232.) Stream Tin Ore, from Wheal Johnson Tin
Mine, Stanthorpe.
Exhibited by The Department of Mines.

958. (G.S.Q. 235.) Stream Tin Ore, from Brown's Gully Tin Mine, Stanthorpe.

Exhibited by The Department of Mines.

959. (G.S.Q. 234.) Stream Tin Ore, from Blue Mountain Tin Mines, Blue Mountain, Stanthorpe.

Exhibited by The Department of Mines.

960. (G.S.Q. 457.) Lode Tin Ore from "The Gulf," border of New South Wales and Queensland.

Exhibited by E. A. Gaden.

961. (G.S.Q. 224A.) Stream Tin Ore, from Big Ruby Tin Mine, Stanthorpe.

Exhibited by The Department of Mines.

962. (G.S.Q. 231.) Stream Tin Ore, from Glen Aplin Tin Mines, Severn River, Stanthorpe.

Exhibited by The Department of Mines.

963. (G.S.Q. 457.) Large Specimen Stream Tin Ore, "The Gulf," border of New South Wales and Queensland.

Exhibited by E. A. Gaden.

964. (G.S.Q. 465.) Auriferous Quartz. Mountain Maid Claim, Palgrave Gold Field.

Exhibited by James Annett.

ALDERSHOT EXHIBITS.

- (G.S.Q. 488.) Granulated Fine Silver. *See* No. 433.

965. (G.S.Q. 489.) Twenty Pigs of Soft Lead (Refined).

Exhibited by Queensland Smelting Company, Aldershot.

966. (G.S.Q. 490.) Twenty-two Ingots of Copper (Refined).

Exhibited by Queensland Smelting Company, Aldershot.

967. (G.S.Q. 505.) Model (Rhombic Dodecahedron) representing total output of Fine Gold from Queensland Smelting Company's Works, Aldershot. 52,402 oz. troy (= 1 ton 12 cwt).

Exhibited by Queensland Smelting Company.

- 967A. (G.S.Q. 506.) Model (combination of Octahedron and Cube) representing total output of Fine Silver from Queensland Smelting Company's Works, Aldershot. 715,385 oz. troy (= 3 tons 3 cwt. 3 qr.).

Exhibited by Queensland Smelting Company.

GYMPIE AND GLADSTONE DISTRICTS.

968. (G.S.Q. 126-128.) Lead Ore (galena), from depth of 40 feet Fat Hen Creek Mine, Gympie. Estimated to contain 50 per cent. lead and 65 oz. silver per ton.

Exhibited by The Directors.

970. (G.S.Q. 404-407.) Chrome Ore. Burnett District, 30 miles from Gayndah.

Exhibited by The Department of Mines.

2. (G.S.Q. 6-9.) Auriferous Quartz. Kilkivan Consolidated Gold-Mining Company, Gympie. Estimated to contain 3 oz. gold per ton.

Exhibited by The Directors.

4. (G.S.Q. 152.) Copper Ore (from 55 feet). 25 to 30 per cent. copper. Virgin's Refuge Mine, near Harper's Hill, Mount Perry.

Exhibited by Peter Marshall, Manager.

5. (G.S.Q. 420-428.) Auriferous Quartz. North Glanmire Mine, Gympie. Returns from 1878 to 1892: 53,941 tons for 59,376 ozs. Dividends: £74,933.

Exhibited by The Directors.

7. (G.S.Q. 468.) Gold-Silver-Copper Ore, from Pine Vale Creek, Eungella, Mackay District.

Exhibited by The Proprietors.

- 7A. (G.S.Q. 467.) Silver-lead Ore, from Mount Barker Silver-Lead Mine, Mackay District.

Exhibited by The Company.

8. (G.S.Q. 1-4.) Auriferous Pyrites. Freeholds Goldfields of Queensland Company's Mine, Black Snake. Estimated to contain 1 oz. gold per ton.

Presented by Samuel L. Hester, Manager.

31. (G.S.Q. 433.) Auriferous Pyritous Quartz, from Lady Griffith Reward Claim, Monal.

Exhibited by George Styles.

32. (G.S.Q. 434.) Auriferous Quartz, from Frampton Claim, Norton.

Exhibited by W. Carmichael.

33. (G.S.Q. 454, 455.) Auriferous Quartz, from Minerva Mine, Eidsvold.

Exhibited by Shareholders.

34. (G.S.Q. 297.) Auriferous Quartz. Mount Rose and Stockman, Eidsvold (from 620-feet level). Estimated to contain $2\frac{1}{2}$ to $2\frac{3}{4}$ oz. gold per ton.

Exhibited by The Directors.

35. (G.S.Q. 343-355.) Quicksilver Ore (cinnabar), Kilkivan.

Exhibited by Saml. L. Hester.

38. (G.S.Q. 77, 78, 79.) Bismuth Ore—Sulphides of Bismuth and Iron containing up to 10 per cent. of metallic bismuth, and from 1 to 4 oz. gold per ton (from 45-feet level), Mount Biggenden.

Exhibited by The Directors.

39. (G.S.Q. 220.) Auriferous Quartz, No. 1 North Phoenix, Gympie.

Exhibited by The Directors.

391. (G.S.Q. 221.) Black Slate, from No. 1 North Phoenix, Gympie.

Exhibited by The Directors.

- 391A. (G.S.Q. 222.) Greenstone. No. 1 North Phoenix, Gympie.

Exhibited by The Directors.

- 991b. (G.S.Q. 223.) Country Rock and Formation. No. 1 North Phoenix, Gympie.

Exhibited by The Directors.

992. (G.S.Q. 435.) Manganese Ore, from Spiro and Herberton's Manganese Mine, Auckland Hill, Gladstone.

Exhibited by Ferdinand Spiro.

994. (G.S.Q. 436.) Primitive Crushing Plant, used for many years by a Prospector in the Gladstone district. Garden Claim.

Exhibited by Lindon and Party.

995. (G.S.Q. 433.) Pyrites, from Lady Griffith P.C., Gladstone.

Exhibited by Styles and Party.

997. (G.S.Q. 5.) Antimony Ore. Oxide from surface containing 67 per cent. of "Star Antimony." Sulphide from 120-foot level containing 65 per cent. "Star Antimony." (Star antimony is valued at £18 per ton.) Neerdie Antimony Mine.

Exhibited by F. J. Power.

999. (G.S.Q. 303.) Fossiliferous Rock. Columbia Smithfield, Gympie.

Exhibited by The Directors.

CHARTERS TOWERS DISTRICT.

1001. (G.S.Q. 96, 97.) Heavily Mineralised Quartz (from 1,100 and 1,200 feet levels). Queen Cross Reef, Charters Towers. Estimated to contain 4 oz. gold per ton. Stone crushed from Queen Cross Reef, 10,045 tons. Yield of gold, 16,562 oz. Dividends paid, £9,300. From Victoria (?) Reef, 2,769 tons. Yield of gold, 8,321 oz. Dividends paid, £12,500. The Just-in-Time Reef yielded 50,000 oz. of gold.

Exhibited by The Directors.

1002. (G.S.Q. 103, 104.) Heavy Mineralised Quartz, from 230 to 300 feet level. Clark's Brilliant Worcester and Victory, Charters Towers. Estimated to contain 4 oz. gold per ton. Tons crushed in 1896 and 1897, 1,390; yield, 5,441 oz. 17 dwt. 14 gr. Dividends from October, 1896, to May, 1897, £9,000. See No. 307.

Exhibited by The Directors.

1003. (G.S.Q. 89, 90.) Heavy Mineralised Quartz, from 120-foot level. Phæbe G.M. Co., Charters Towers. Estimated to contain 5 oz. gold per ton.

Exhibited by The Directors.

1004. (G.S.Q. 100.) Heavily Mineralised Quartz, from 120-foot level, vertical. Golden Surprise, Charters Towers. Estimated to contain 4½ oz. gold per ton. Stone crushed, 739 tons. Yield of gold, 1,474 oz.

Exhibited by The Directors.

1005. (G.S.Q. 192.) Auriferous Quartz, from 1,300-foot level. Day Dawn Freeholds Extended, Charters Towers. Estimated to contain 1 oz. gold per ton.

Exhibited by The Directors.

1006. (G.S.Q. 87-88.) Heavily Mineralised Quartz (from 500 and 1,600 feet levels, vertical depth). Victoria and Queen, Charters Towers. Estimated to contain $2\frac{1}{2}$ oz. gold per ton. Stone crushed, 4,718 tons. Yield of gold, 10,646 oz. Dividends paid, £6,000.

Exhibited by The Directors.

1007. (G.S.Q. 91, 92, 93, 117, 118.) Quartz. Kelly's Queen Block Mine, Charters Towers. Estimated to contain 2 oz. gold per ton. Stone crushed from Victory Reef in this Lease, 11,584 tons. Yield of gold, 25,444 oz. Dividends paid, £40,800.

Exhibited by The Directors.

1008. (G.S.Q. 95, 106, 107.) Mineralised Quartz. Lady Florence Mine, Charters Towers. Stone crushed, 869 tons. Yield of gold, 669 oz.

Exhibited by The Directors.

1009. (G.S.Q. 101.) Heavily Mineralised Quartz (from vertical depth of 1,450 feet and 1,500 feet). Brilliant and St. George, Charters Towers. Estimated to contain 2 oz. gold per ton. Stone crushed, 64,445 tons. Yield of gold, 95,638 oz. Dividends paid, £165,000.

Exhibited by The Directors.

1010. (G.S.Q. 105, 115, 111, 116.) Highly Mineralised Quartz (from vertical depth of 1,280 feet). Brilliant Gold-Mining Company, Charters Towers. Estimated to contain 3 to 5 oz. gold per ton. Stone crushed, 180,430 tons. Yield of gold, 224,385 oz. Dividends paid, £361,916. See No. 306A.

Exhibited by The Directors.

1011. (G.S.Q. 161, 165.) Heavily Mineralised Quartz (from vertical depth of 1,529 feet). Brilliant Block Gold-Mining Company, Charters Towers. Stone crushed, 90,454 tons. Yield of gold, 75,894 oz. Dividends paid, £66,250.

Exhibited by The Directors.

1012. (G.S.Q. 331, 332.) Auriferous Quartz. Day Dawn P.C., Charters Towers. Stone crushed, 232,800 tons. Yield of gold, 335,557 oz. Dividends paid, £613,000.

Exhibited by The Directors.

1013. (G.S.Q. 162, 168, 170.) Heavily Mineralised Quartz, showing much "formation," from vertical depth of 2,000 feet. Mills United Gold-Mining Company, Charters Towers. Stone crushed, 192,827 tons. Yield of gold, 201,656 oz. Dividends paid, £292,500.

Exhibited by The Directors.

1014. (G.S.Q. 164, 167.) Heavily Mineralised Quartz (from 550 feet level, vertical). Victory Gold-Mining Company, Charters Towers. Estimated to contain 6 oz. gold per ton. Stone crushed, 60,520 tons. Yield of gold, 147,486 oz. Dividends paid, £255,625.

Exhibited by The Directors.

1015. (G.S.Q. 112, 113.) Mineralised Quartz (from depth of 800 feet). Victoria Gold-Mining Association, Charters Towers. Estimated to contain 3 oz. gold per ton. Stone crushed, 42,229 tons. Yield of gold, 103,194 oz. Dividends paid, £200,400. Capital called up, £3,600.
Exhibited by The Directors.
1016. (G.S.Q. 160, 169.) Mineralised Quartz (from vertical depth of 1,100 feet). Brilliant Freehold, Charters Towers. Stone crushed, 2,809 tons. Yield of gold, 1,994 oz.
Exhibited by The Directors.
1017. (G.S.Q. 94, 114, 121.) Heavily Mineralised Quartz (from about 1,700 feet). Day Dawn Block and Wyndham, Charters Towers. Estimated to contain $1\frac{1}{2}$ oz. gold per ton. Stone crushed, 227,000 tons. Yield of gold, 279,925 oz. Dividends paid, £432,000.
Exhibited by The Directors.
1018. (G.S.Q. 163, 158, 159.) Mineralised Quartz (from vertical depth of 840 feet). Day Dawn No. 5 West, Charters Towers. Estimated to contain 3 oz. gold per ton. This mine has given the highest average yield per ton on the field. One crushing of $7\frac{1}{4}$ tons gave 375 oz. of gold.
Exhibited by The Directors.
1019. (G.S.Q. 327-330.) Auriferous Quartz (from vertical depth of 250 feet). Old Identity Extended, Charters Towers. Estimated to contain $4\frac{1}{2}$ oz. gold per ton.
Exhibited by The Directors.
1020. (G.S.Q. 108, 312-314.) Heavily Mineralised Quartz (from 1,940 feet, vertical depth). Brilliant Extended, Charters Towers. *See also* No. 1021.
Exhibited by The Directors.
1021. (G.S.Q. 109.) Heavily Mineralised Quartz (from vertical depth of 1,880 feet). Brilliant Extended, Charters Towers. Stone crushed, 16,032 tons. Yield of gold, 9,217 oz.
Exhibited by The Directors.
1022. (G.S.Q. 98, 119.) Heavily Mineralised Quartz (from vertical depths of 1,090 feet and 1,117 feet). Bonnie Dundee, Charters Towers. Estimated to contain 2 oz. gold per ton. Stone crushed, 19,253 tons. Yield of gold, 21,154 oz.
Exhibited by The Directors.
1023. (G.S.Q. 102, 110.) Mineralised Quartz (from vertical depth of 750 feet). Papuan, Brilliant, and Victoria, Charters Towers. Estimated to contain 4 oz. gold per ton. Stone crushed, 14,500 tons. Yield of gold, 37,435 oz. Dividends paid, £58,100.
Exhibited by The Directors.

CROYDON DISTRICT.

1028. (G.S.Q. 205.) Auriferous Quartz. Miner's Right, Croydon. Estimated to contain 2 oz. gold per ton. A number of small crushings only have yet been taken from this mine, averaging very nearly 2 oz. per ton.

Exhibited by The Directors.

1029. (G.S.Q. 206.) Auriferous Quartz. Highland Mary United, Croydon. Estimated to contain 2 oz. gold per ton. Stone crushed to 31st March, 1897, 20,221 tons 19 cwt. Yield of gold, 39,918 oz. 15 dwt. 3 gr.

Exhibited by The Directors.

1030. (G.S.Q. 199.) Auriferous Quartz. Mountain Maid, Croydon. Estimated to contain 16 dwt. gold per ton. Stone crushed to 31st March, 1897, 20,202 tons 14 cwt. Yield of gold, 16,185 oz. 12 dwt. 15 gr.

Exhibited by The Directors.

1031. (G.S.Q. 196, 212.) Auriferous Quartz. Roger's Golden Gate Block, Croydon. Estimated to contain 2 to 2½ oz. gold per ton. The only crushing yet taken from the mine is one of 95 tons, yielding 207 oz. gold.

Exhibited by The Directors.

1032. (G.S.Q. 204.) Auriferous Quartz. Roger's Golden Gate, Croydon. Stone crushed to 31st March, 1897, 8,783½ tons. Yield of gold, 14,198 oz. 3 dwt.

Exhibited by The Directors.

1033. (G.S.Q. 209, 213.) Auriferous Quartz, Richmond P.C., Croydon. Estimated to contain from 3½ to 4 oz. gold per ton. Stone crushed to 31st March, 1897, 8,806 tons. Yield of gold, 14,158 oz. 14 dwt.

Exhibited by The Directors.

1035. (G.S.Q. 208.) Auriferous Quartz. True Blue P.C., Croydon. Estimated to contain 2 to 2½ oz. gold per ton. Stone crushed to 31st March, 1897, 9,038 tons 15 cwt. Yield of gold, 18,165 oz. 3 dwt.

Exhibited by The Directors.

1036. (G.S.Q. 200.) Auriferous Quartz. "Sunset," Croydon. Estimated to contain from 1 to 1½ oz. gold per ton. This mine only bottomed in January, 1897, and since then has crushed 115 tons of stone for a yield of 132 oz. 14. dwt. of gold.

Exhibited by The Directors.

1037. (G.S.Q. 201.) Auriferous Quartz. Waratah Mine, Croydon. Estimated to contain 4 oz. gold per ton. Stone crushed to 31st March, 1897, 1,075 tons. Yield of gold, 4,119 oz. 18 dwt. (This represents only three months' crushing.)

Exhibited by The Directors.

1038. (G.S.Q. 207, 194.) Auriferous Quartz. Croydon Consols, Croydon. Estimated to contain from 3 to 4 oz. gold per ton. Stone crushed to 31st March, 1897, 11,062 tons. Yield of gold, 40,131 oz. Dividends, £45,000. Average per ton, 3 oz. 12 dwt. 13 gr. Approximate value of gold, £2 7s. per oz.

Exhibited by The Directors.

1040. (G.S.Q. 209.) Auriferous Quartz. Iguana No. 2 West Block, Croydon. Estimated to contain 2 oz. gold per ton. Stone crushed to 31st March, 1897, 3,501 tons 8 cwt. Yield of gold, 6,745 oz. 6 dwt.

Exhibited by The Directors.

1042. (G.S.Q. 208.) Auriferous Quartz. Iguana P.C., Croydon. Estimated to contain from 2 to 2½ oz. gold per ton. Stone crushed to 31st March, 1897, 13,776 tons 19 cwt. Yield of gold, 31,537 oz. 18 dwt. 19 gr.

Exhibited by The Directors.

1043. (G.S.Q. 211.) Auriferous Quartz. Highland Mary No. 3 B South, Croydon. Stone crushed to 31st March, 1897, 3,186 tons. Yield of gold, 6,530 oz. 14 dwt. 15 gr.

Exhibited by The Directors.

RAVENSWOOD DISTRICT.

1052. (G.S.Q. 182-191.) Gold and Silver Ore, from Lease No. 280 (Little's), Mount Success. From surface to vertical depth of 50 feet. Estimated to contain 1 oz. gold and 10 oz. silver per ton. (The lode is at least 75 feet thick.)

Exhibited by A. Riddell, Manager.

1053. (G.S.Q. 171-181.) Gold and Silver Ore, from Lease No. 278, Mount Success. From vertical depth, 70-80 feet. Estimated to contain 2½ oz. gold and 6 oz. silver. (The lode is 36 feet wide.)

Exhibited by T. Raine.

CLONCURRY DISTRICT.

1057. (G.S.Q. 71, 72.) Red Oxide of Copper, with Native Copper, Cloncurry.

Melb. Cent. Ex.

1058. (G.S.Q. 69.) Red Oxide of Copper, with Native Copper. (Weight, 1½ tons.) Cloncurry.

Melb. Cent. Ex.

1059. (G.S.Q. 70.) Native Copper. (Weight, 7½ cwt.) Dugald River, near Cloncurry.

Melb. Cent. Ex.

1063. (G.S.Q. 335.) Red Oxide of Copper and Native Copper. Great Australian Copper Mine, Cloncurry.

Exhibited by Ernest Henry.

1064. (G.S.Q. 341.) Magnetic Iron Oxide. Black Mountain, Cloncurry.

Exhibited by Ernest Henry.

- 1064A. (G.S.Q. 341.) Magnetic Iron Oxide. Black Mountain, Cloncurry.

Melb. Cent. Ex.

MODELS, &c.

1065. (G.S.Q. 450.) Model of the Mount Morgan Chlorination Works.

Exhibited by G. H. Irvine.

1066. (G.S.Q. 485.) Model of Safety Apparatus for Shafts.

Exhibited by W. Fryar, Inspector of Mines.

1067. (G.S.Q. 497.) Pearl Shells. Torres Straits.

Exhibited by Brown, Campbell, and Co.

1068. (G.S.Q. 510-537.) Mother of Pearl Grotto, built of $\frac{1}{4}$ tons of Pearl Shells from Torres Straits ("Silvery Wave" fleet). Value, £520.

Exhibited by James Clark.

IN COLONNADE.

2001. (G.S.Q. 443.) Coal, from Dinmore Colliery.

Exhibited by New Swanbank Colliery Company.

2002. (G.S.Q. 443.) Coal, showing part (3 feet) of seam from Dinmore Colliery.

Exhibited by New Swanbank Colliery Company.

2003. (G.S.Q. 443.) Coal, from Swanbank Colliery.

Exhibited by New Swanbank Colliery Company.

2004. (G.S.Q. 509.) China Clay. Dinmore, near Ipswich.

Exhibited by John Jones.

2005. (G.S.Q. 412.) Coal, from New River Bank Coal Mine, Burrum, near Maryborough.

Exhibited by The Company.

2006. (G.S.Q. 412.) Coke, from New River Bank Coal Mine, Burrum, near Maryborough.

Exhibited by The Company.

2007. (G.S.Q. 83.) Coal, showing full thickness of seam, from Queensland Collieries Company, Howard. (Photo. to come.)

Exhibited by The Company.

2008. (G.S.Q. 452, 469.) Coal, from Whitwood Mine, Dinmore. Thickness of seam, 4 feet 6 inches.

Exhibited by Stafford Bros.

2010. (G.S.Q. 452, 469.) Coal, from Haighmoor Mine, Tivoli, and Slack for making Smelting Coke from same. Thickness of seam, 4 feet.

Exhibited by Stafford Bros.

2011. (G.S.Q. 396, 480.) "Torbanelea" Coke.
Exhibited by The Isis Investment Company of Queensland, Limited, Maryborough.
2012. (G.S.Q. 395.) "Torbanelea" Coal.
Exhibited by The Isis Investment Company of Queensland, Limited, Maryborough.
2014. (G.S.Q. 141.) Coal, from Aberdare Colliery, Bundanba.
Exhibited by Aberdare Co-operative Company.
2017. (G.S.Q. 142-151.) Coal and Coke, from Donnybrook Coal Mine, Tivoli.
Exhibited by The Company.
2019. (G.S.Q. 462.) Coke, from Waterstown Coal and Coke Company.
Exhibited by The Directors.
2020. (G.S.Q. 462.) Coal, from Waterstown.
Exhibited by Waterstown Coal and Coke Company.
2021. (G.S.Q. 431.) Coal, from Braeside Colliery, Bundanba.
Exhibited by Lindsay Bros.
2023. (G.S.Q. 413.) Coal, from Wright's New Tivoli Colliery, near Ipswich.
Exhibited by W. R. Black.
2024. (G.S.Q. 413.) Coal, from Walloon.
Exhibited by W. R. Black.
- 2025, 2026, 2027. (G.S.Q. 413.) Coal, from John Wright's Bishop Colliery, near Ipswich.
Exhibited by W. R. Black.
2028. (G.S.Q. 414.) "Eclipse" Coke, from Tivoli, near Ipswich.
Exhibited by W. R. Black.
2029. (G.S.Q. 504.) Coal, from Burrum.
Exhibited by J. Wright.
2080. (G.S.Q. 504.) Coke, from Burrum.
Exhibited by J. Wright.

ON WALL

2081. (G.S.Q. 158-157, and 166.) Diamond Drill Cores, from Bore at Golden Gate, Charters Towers, from surface to 1,190 feet.
Exhibited by E. H. T. Plant.
2082. (G.S.Q. 326.) Bust carved out of Helidon Freestone by A. Batston.
Exhibited by H. Batston, South Brisbane.
2088. (G.S.Q. 302.) Pick and Hammer Handles.
Made and Exhibited by J. Bochater, Gympie.
2084. (G.S.G. 442.) Shod Wire Rope.
Made and Exhibited by Robert English, Gympie.

ON TABLE.

2040. Pamphlets, &c., for distribution—

- (1) Catalogue of the Exhibits in the Queensland Mining Court.
- (2) Descriptive Account of the Exhibits in the Queensland Mining Court, with some facts relative to the mineral wealth of Queensland. Issued by the Department of Mines.
- (3) Geological Survey Bulletin No. 5. Notes on the Palmer as a reefing district, by Robert L. Jack, Government Geologist.
- (4) Geological Survey Bulletin No. 4. Notes on the Present Condition of the Hodgkinson Gold Field, by Robert L. Jack, Government Geologist.
- (5) The Charters Towers Gold Field, with Notes on the yield of the various mines, compiled for the Charters Towers Exhibition Committee. Issued under the authority of the Hon. R. Philp, Esq., Minister for Mines.
- (6) Annual Mining Review for the Year 1896. Issued by E. D. Miles and Co., Mining Agents, Charters Towers.
- (7) Gold Returns and Quartz Crushed. Clark's Brilliant, Worcester, and Victory Gold-Mining Company (No Liability), Charters Towers.
- (8) Mineral Resources of New Zealand. Issued under the authority of the Hon. A. J. Cadman, Minister of Mines.
- (9) Analyses of Coal from Stafford Brothers' Whitwood Mine, Dinmore. *See* No. 2008.
- (10) Analyses of Coal from the Queensland Collieries Company's mine, Howard. *See* No. 2007.
- (11) Plan of Principal Gold-Mining Leases, Charters Towers, compiled from surveys to 20th April, 1896. Scale, 8 chains to an inch. Issued by E. D. Miles and Co.
- (12) Plan of Underground Workings, Clark's Brilliant, Worcester, and Victory, Charters Towers.

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